1st Edition

SHARP

SERVICE MANUAL
SERVICE-ANLEITUNG

LCD PROJECTOR
LCD PROJEKTOR

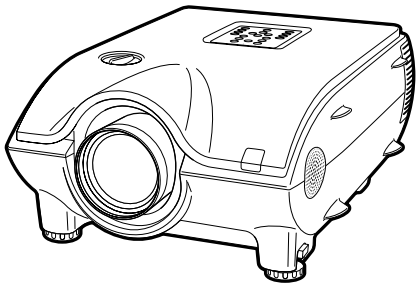


IMAGE QUALITY

MODEL
MODELL **XG-P25X**

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

Im Interesse der Benutzersicherheit (erforderliche Sicherheitsregeln in einigen Ländern) muß das Gerät in seinen Originalzustand gebracht werden. Außerdem dürfen für die spezifizierten Bauteile nur identische Teile verwendet werden.

Specifications

Product type	LCD Projector
Model	XG-P25XU
Video system	PAL/PAL 60/PAL-M/PAL-N/SECAM/NTSC 3.58/NTSC 4.43 DTV 480I/480P/580I/580P/720P/1035I/1080I
Display method	LCD panel × 3, RGB optical shutter method
LCD panel	Panel size: 1.3″ (33mm) (20.0 [H] × 26.6 [W] mm) Display method: Translucent TN liquid crystal panel Drive method: TFT (Thin Film Transistor) Active Matrix panel No. of dots: 786,432 dots (1,024 [H] × 768 [V])
Standard Lens	1–1.3 × zoom lens, F1.7–2.4, f = 49.2–63.8 mm
Projection lamp	AC 270 W lamp
Video input signal	RCA Connector (INPUT 4): VIDEO, composite video, 1.0 Vp-p, sync negative, 75Ω terminated RCA Connector: AUDIO, 0.5 Vrms more than 22 kΩ (stereo)
S-video input signal	4-pin Mini DIN connector (INPUT 5) Y (luminance signal): 1.0 Vp-p, sync negative, 75Ω terminated C (chrominance signal): Burst 0.286 Vp-p, 75Ω terminated
Component input signal	BNC Connector (INPUT 2) Y: 1.0 Vp-p, sync negative, 75Ω terminated PB: 0.7 Vp-p, 75Ω terminated PR: 0.7 Vp-p, 75Ω terminated
Horizontal resolution	520 TV lines (S-video input), 750 TV lines (DTV 720P input, STRETCH mode)
RGB input signal	15-PIN MINI D-SUB CONNECTOR (INPUT 1), 5 BNC CONNECTOR (INPUT 2): RGB separate/composite sync/sync on green type analog input: 0–0.7 Vp-p, positive, 75Ω terminated DVI CONNECTOR (29-PIN) (INPUT 3), RGB (DIGITAL), 250–1,000 mV, 50Ω HORIZONTAL SYNC. SIGNAL: TTL level (positive/negative) or composite sync (Apple only) VERTICAL SYNC. SIGNAL: Same as above STEREO MINIJACK: AUDIO, 0.5 Vrms, more than 22 kΩ (stereo)
Pixel clock	12–230 MHz
Vertical frequency	43–200 Hz
Horizontal frequency	15–126 kHz *
Computer control signal	9-pin D-sub connector (RS-232C Input Port/Output Port)
Speaker system	1 49/64 (4.5 cm) round × 2 2 W + 2 W (stereo)
Rated voltage	AC 100–240 V
Input current	3.9 A
Rated frequency	50/60 Hz
Power consumption	380 W
Heat dissipation	1,430 BTU/hour
Operating temperature	41°F to 104°F (+5°C to +40°C)
Storage temperature	-4°F to 140°F (-20°C to +60°C)
Cabinet	Plastic
I/R carrier frequency	38 kHz
Dimensions (approx.)	12 9/16" (W) × 6 3/32" (H) × 16 21/32" (D) (319.0 × 155.0 × 423.0 mm) (main body only) 12 11/32" (W) × 7 27/64" (H) × 17 17/32" (D) (322.5 × 188.5 × 445.0 mm) (including standard lens, adjustment feet and projecting parts)
Weight (approx.)	21.4 lbs. (9.7 kg)
Supplied accessories	Remote control, Two R-6 batteries, Power cord, RGB cable (9' 10", 3 m), Computer audio cable (9' 10", 3 m), Three BNC-RCA adaptors, Extra air filter, Lens cap, CD-ROM, LCD projector operation manual, Quick reference guides, ID number seal
Replacement parts	Lamp unit (Lamp/cage module) (BQC-XGP25X//1), Remote control (RRMCGA048WJSA), Two R-6 batteries ("AA" size, UM/SUM-3, HP-7 or similar), Power cord for U.S., Canada etc. (QACCDA010WJPZ), Power cord for Europe, except U.K. (QACCV4002CEZZ), Power cord for U.K., Hong Kong and Singapore (QACCBA012WJPZ), Power cord for Australia, New Zealand and Oceania (QACCL3022CEZZ), RGB cable (QCNWGA012WJPZ), Computer audio cable (QCNWGA013WJPZ), BNC-RCA adaptors (QPLGJ0107GEZZ), Air filter (PFILD0080CEZZ), Lens cap (PCAPH1056CESA), CD-ROM (UDSKAA004WJZZ, UDSKAA005WJZZ), LCD projector operation manual (TINS-A133WJZZ), Quick reference guides, Sharp Advanced Presentation Software installation guide (TINS-A139WJZZ), ID number seal (TLABZ0781CEZZ)

* When the RGB input is used for displaying moving images received as interlaced image signal, the images may not be displayed as you intended depending on the type of the signal. Please use the component input, video input, or s-video input in case this happens.

This SHARP projector uses LCD (Liquid Crystal Display) panels. These very sophisticated panels contain 786,432 pixels (× RGB) TFTs (Thin Film Transistors). As with any high technology electronic equipment such as large screen TVs, video systems and video cameras, there are certain acceptable tolerances that the equipment must conform to.

This unit has some inactive TFTs within acceptable tolerances which may result in illuminated or inactive dots on the picture screen. This will not affect the picture quality or the life expectancy of the unit.

Specifications are subject to change without notice.

IMPORTANT SERVICE SAFETY NOTES (for USA)

■ **Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and servicing guidelines as follows:**

WARNING

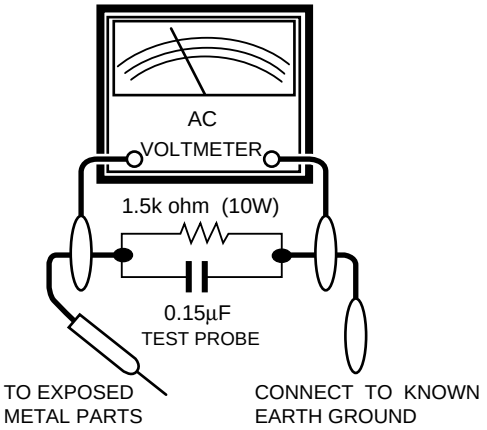
1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

BEFORE RETURNING THE PROJECTOR: (Fire & Shock Hazard)

Before returning the projector to the user, perform the following safety checks:

1. Inspect lead wires are not pinched between the chassis and other metal parts of the projector.
2. Inspect all protective devices such as non-metallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacity networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for current leakage in the following manner:

- Plug the AC cord directly into a 120-volt AC outlet, (Do not use an isolation transformer for this test).
- Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in parallel between all exposed metal cabinet parts and earth ground.
- Use an AC voltmeter with sensitivity of 5000 ohm per volt., or higher, sensitivity to measure the AC voltage drop across the resistor (See Diagram).
- All checks must be repeated with the AC plug connection reversed. (If necessary, a non-polarized adapter plug must be used only for the purpose of completing these checks.)
  Any reading of 0.3 volts RMS (this corresponds to 0.2 milliamp. AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the unit to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD Projector have special safety-related characteristics.
These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.
Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠" and shaded areas in the Replacement Parts Lists and Schematic Diagrams. For continued protection, replacement parts must be identical to those used in the original circuit. The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

WARNING: The bimetallic component has the primary conductive side exposed. Be very careful in handling this component when the power is on.

AVIS POUR LA SECURITE

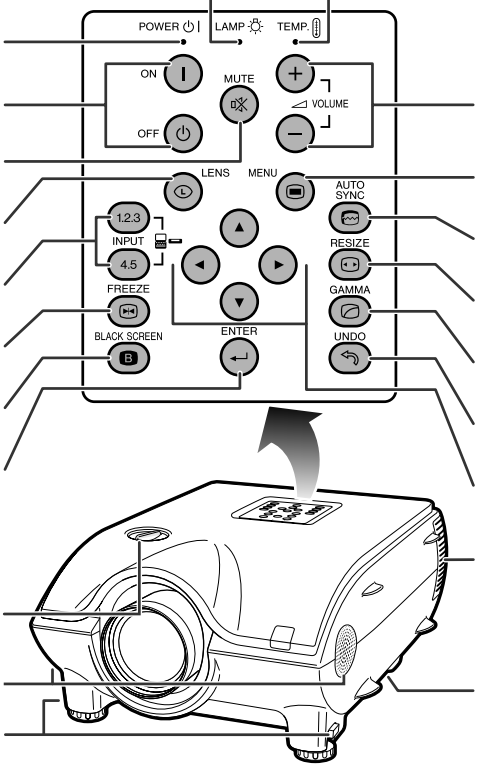
De nombreuses pièces, électriques et mécaniques, dans les projecteur à LCD présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue.
Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.
Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont identifiées par la marque "⚠" et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques. Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies ou autres accidents.

AVERTISSEMENT: La composante bimétallique dispose du conducteur primaire dénudé. Faire attention lors de la manipulation de cette composante sous tension.

Location of Controls

Projector

Front View



LAMP REPLACEMENT indicator

POWER indicator

POWER buttons (ON/OFF)

MUTE button

LENS button

INPUT 1, 2, 3, 4, 5 buttons

FREEZE button

BLACK SCREEN button

ENTER button

TEMPERATURE WARNING indicator

VOLUME buttons (- / +)

MENU button

AUTO SYNC button

RESIZE button

GAMMA button

UNDO button

ADJUSTMENT buttons (▲/▼/◀/▶)

Lens shift dial

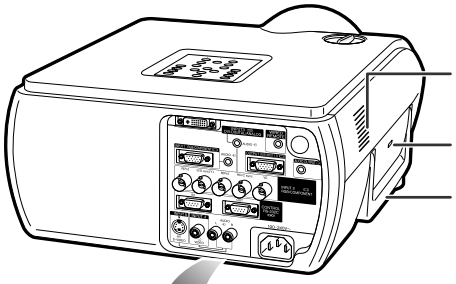
Speakers

Foot releases

Cooling fan (Exhaust vent)

Air filter/Cooling fan (Intake vent)

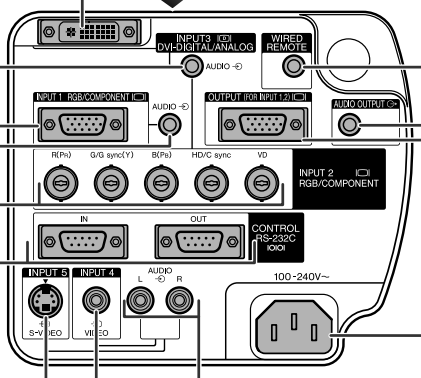
Rear View



Cooling fan (Intake vent)

Kensington Security Standard connector

Carrying handle



INPUT 3 port (DVI)

Computer AUDIO INPUT 2/3 terminal (ø3.5 mm stereo minijack)

INPUT 1 port (15-pin Mini D-sub)

Computer AUDIO INPUT 1 terminal (ø3.5 mm stereo minijack)

INPUT 2 terminals (BNC)

RS-232C INPUT port/ RS-232C OUTPUT port

S-VIDEO INPUT 5 terminal (4-pin Mini DIN)

VIDEO INPUT 4 terminal (RCA)

WIRED REMOTE control input terminal (ø3.5 mm stereo minijack)

AUDIO OUTPUT terminal (ø3.5 mm stereo minijack)

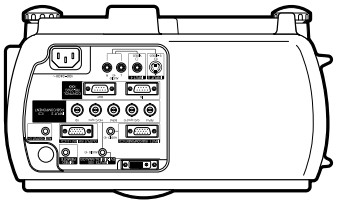
OUTPUT port (15-pin Mini D-sub) for INPUT 1, 2

AC socket

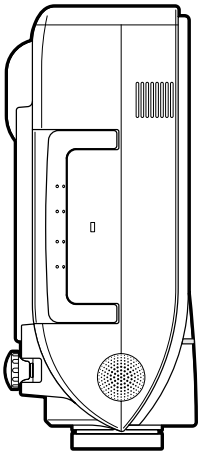
AUDIO INPUT 4/5 terminals (RCA)

Dimensions

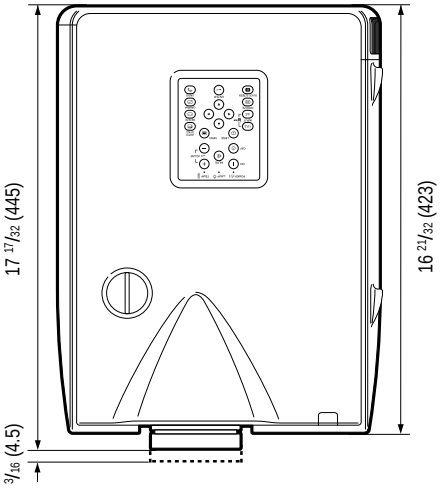
Rear View



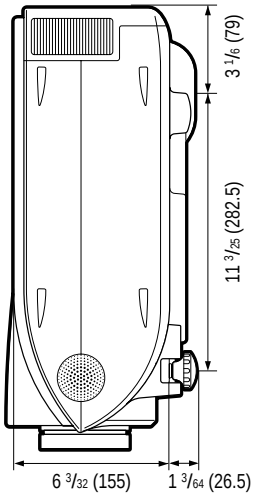
Side View



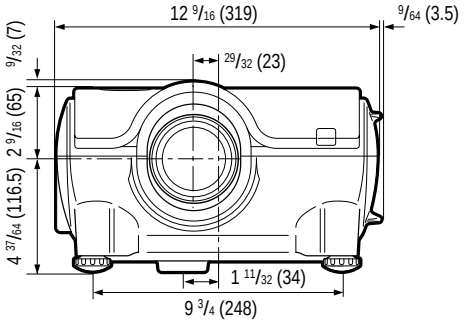
Top View



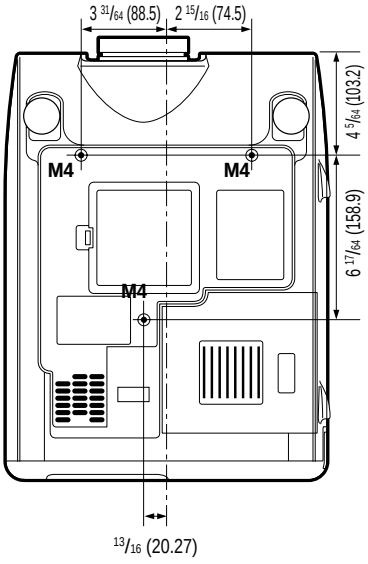
Side View



Front View



Bottom View



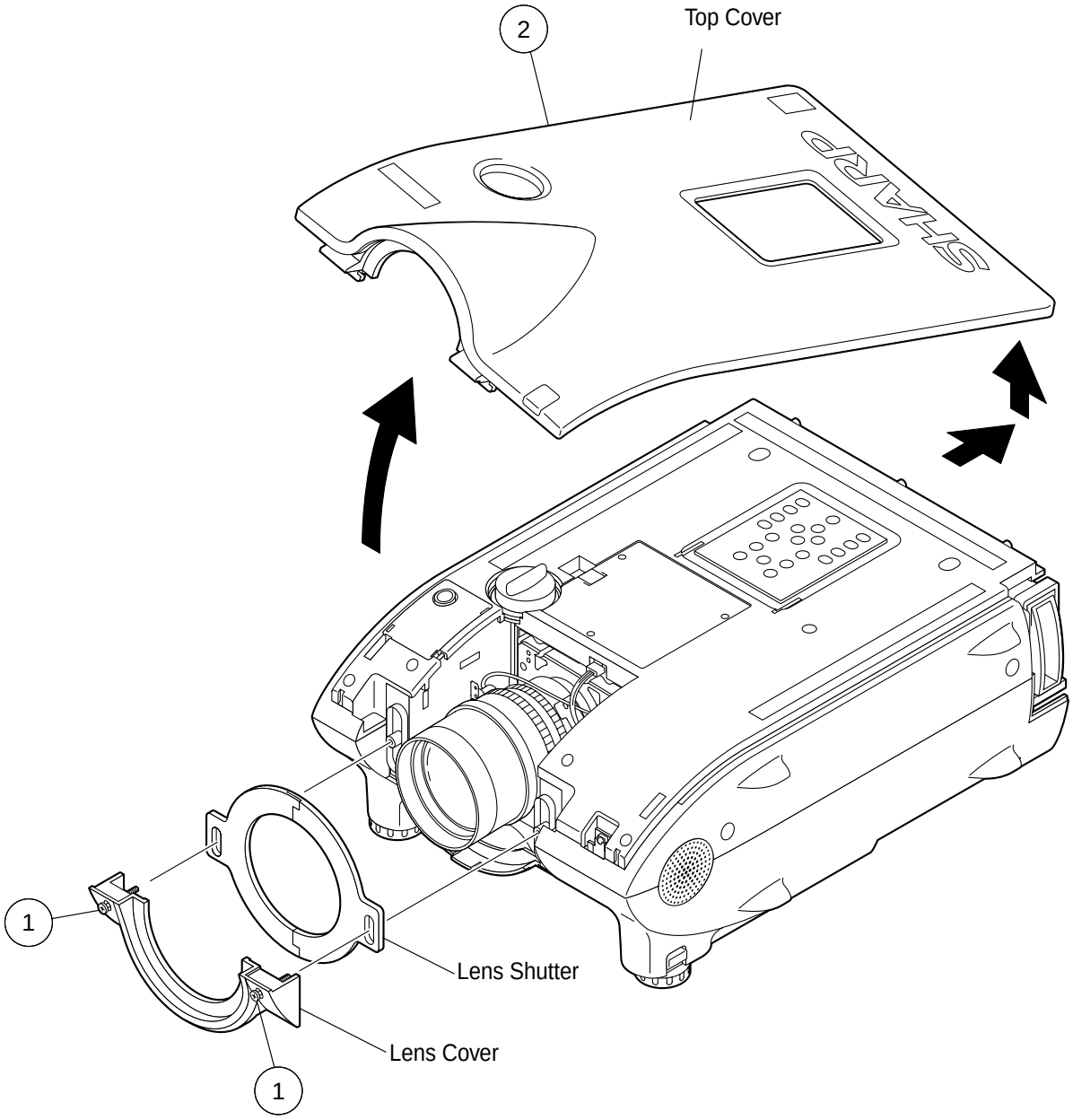
Units: inches (mm)

REMOVING OF MAJOR PARTS

1. Removing the top cover and lens cover.

1-1. Remove the two screws and detach the lens cover.

1-2. Hold the lens top cover and tilt it up until its back end alone stays hooked. Then slide and detach the top cover. Detach the lens shutter.
(When attaching the lens shutter back in position, match the left (L) and right (R) markings.)

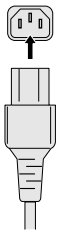


RESETTING THE TOTAL LAMP TIMER

Resetting the lamp timer

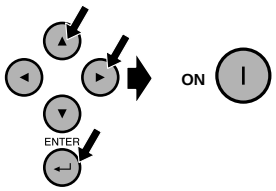
1 Connect the power cord.

Plug the power cord into the AC socket of the projector.

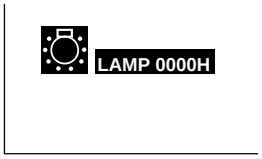


2 Reset the lamp timer.

While pressing ▼,▶ and **ENTER** on the projector,press **POWER ON** on the projector.



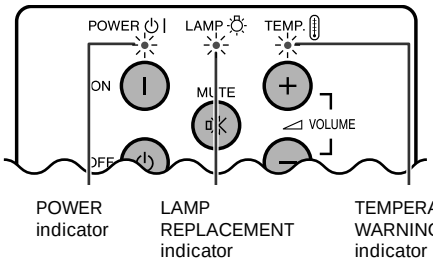
"LAMP 0000H " is displayed, indicating that the lamp timer is reset.



NOTE

•Reset the lamp timer only after replacing the lamp.

Maintenance Indicators



- The warning lights on the projector indicate problems inside the projector.
- There are two warning lights: a TEMPERATURE WARNING indicator which warns that the projector is too hot, and a LAMP REPLACEMENT indicator which lets you know when to change the lamp.
- If a problem occurs, either the TEMPERATURE WARNING indicator or the LAMP REPLACEMENT indicator will light up red. After turning off the power, follow the procedures given below.

Maintenance Indicator	Condition	Problem	Possible Solution
TEMPERATURE WARNING indicator	The internal temperature is abnormally high.	• Blocked air intake.	• Relocate the projector to an area with proper ventilation.
		• Clogged air filter.	• Clean the filter.
		• Cooling fan breakdown. • Internal circuit failure.	• Take the projector to your nearest Sharp Authorized LCD Projector Dealer or Service Center for repair.
LAMP REPLACE-MENT indicator	The lamp does not light up.	• Burnt-out lamp. • Lamp circuit failure.	• Carefully replace the lamp.
	The lamp requires replacement.	• Lamp has been used for over 1,400 hours.	• Take the projector to your nearest Sharp Authorized LCD Projector Dealer or Service Center for repair.
POWER indicator	The POWER indicator blinks in red when the projector is on.	• The filter cover is open.	• Securely install the filter cover. • If the POWER indicator blinks even when the filter cover is securely installed, contact your nearest Sharp Authorized LCD Projector Dealer or Service Center for advice.

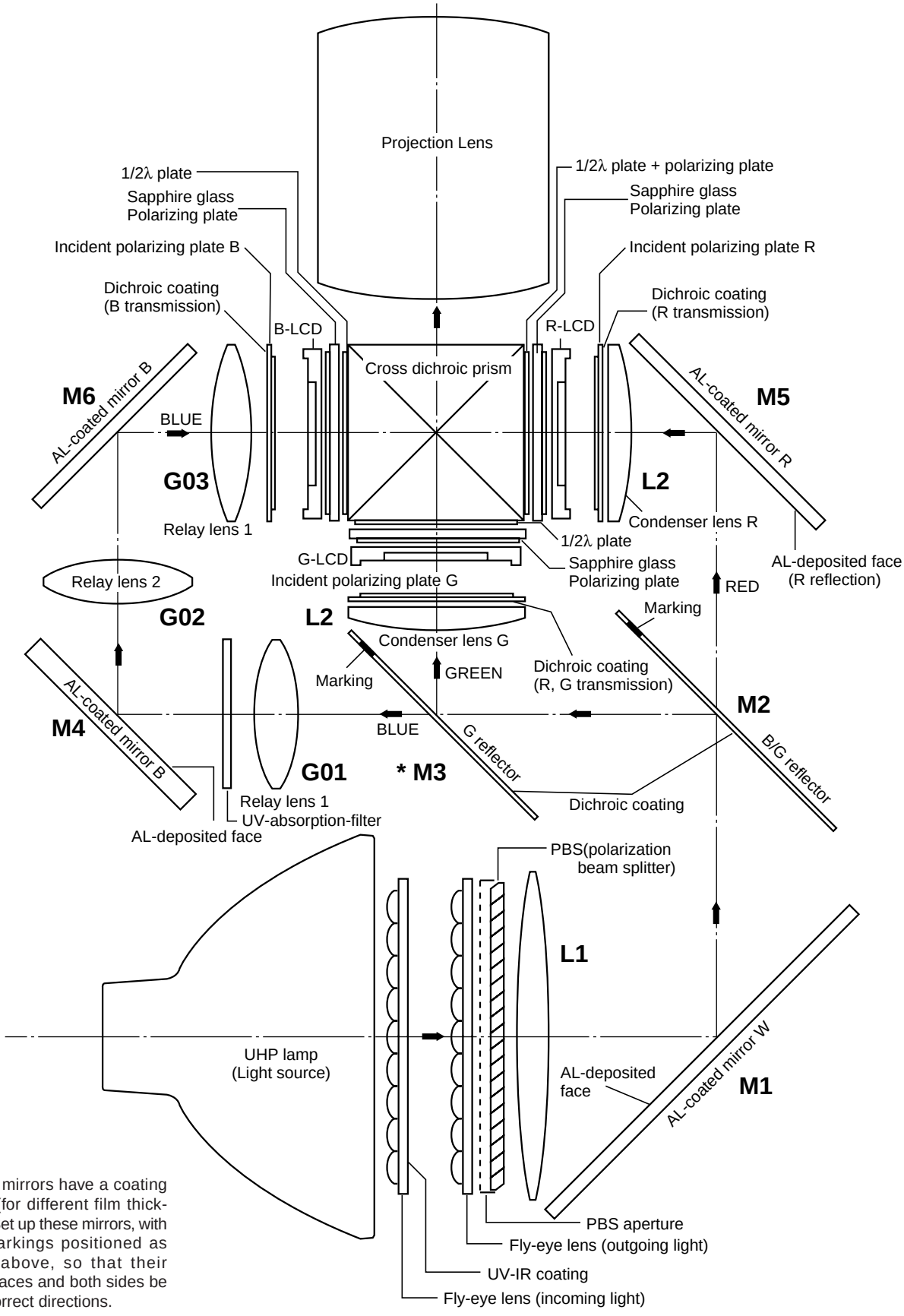
NOTE

- If the TEMPERATURE WARNING indicator lights up, follow the above possible solutions and then wait until the projector has cooled down completely before turning the power back on. (At least 5 minutes.)
- If the power is turned off and then turned on again, as during a brief rest, the LAMP REPLACEMENT indicator may be triggered, preventing the power from going on. Should this occur, take the power cord out of the wall outlet and put it back in again.

THE OPTICAL UNIT OUTLINE

Layout of the optical system

Note: Layout for positioning the optical system.



* The M3 mirrors have a coating wedge (for different film thickness). Set up these mirrors, with their markings positioned as shown above, so that their coated faces and both sides be in the correct directions.

CONVERGENCE AND FOCUS ADJUSTMENT

- **Start the convergence and focus adjustments with the top cabinet and the LCD cover removed but the power on. Use the remote control to adjust the image. Take the following procedures.**

1. Focusing the projection lens

(A) Replacing all the 3 LCD panels

1. Before replacing all the 3 LCD panels, project an image on the screen and bring it into focus.
2. Replace the panels with new ones. But until the focus has been completely readjusted, be careful not to change the distance between the set and the screen, nor to move the projection lens focus and zoom rings. If the focus is readjusted with a different positional relation, the relation between the projection distance and the screen size is affected. In other words, a short-distance image (40 WIDE, for example) may get out of the focus range, or a long-distance image (300 WIDE, for example) may come out of focus.

(B) Replacing 1 or 2 of the 3 LCD panels

1. In adjusting the focus after replacement of one or two LCD panels, project an image on the screen and turn the projection lens focus ring to get the non-replaced LCD panel into focus.
2. But until the focus has been completely adjusted for the new LCD panels, be careful not to change the distance between the set and the screen, nor to move the projection lens focus and zoom rings.
   (If the distance has been changed or the projection lens readjusted, repeat the above steps 1 and 2.)

2. Adjusting the G-LCD panel

(A) Focus adjustment. (Make this adjustment on the white-only screen.)

1. Right-and-left focus adjustment (θY direction) .
   Loosen the lock screws "b" and "c" and insert the eccentric screwdriver into the notch and hole "b". Turn the screwdriver until the right and left halves on the screen get into focus.
   First get the right and left halves in balance. Then improve the accuracy while making the adjustment 2 below.
2. Top-center-bottom focus adjustment (θX and Z directions).
   Loosen the lock screws "a" and "c" and insert the eccentric screwdriver into the notch and hole "a" or "c". Turn the screwdriver until the top, center and bottom on the screen get into focus. In adjusting this top-to-bottom focus, temporarily tighten the lock screw "b" to fix the θY direction adjustment.
3. Repeat the above steps 1 and 2 to finely adjust the focus. Finally tighten up all the lock screws.

Notes :

① Carefully proceed with the focus adjustment because the adjusting directions are correlated.

② In adjusting the convergence and focus, do not move the projection lens zoom and focus rings until the end of all the adjustments.

(B) Convergence adjustment

- The G-LCD panel has no convergence adjustment mechanism. Use this panel as convergence adjustment reference.

3. B-LCD panel adjustment (the same for the R-LCD panel)

(A) Focus adjustment

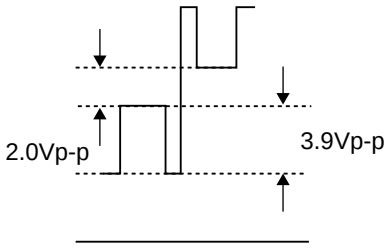
- Take the same procedure as for the G-LCD panel focus adjustment. Note that the adjustment range is small in the Z direction. If the convergence is quite different between the B-LCD and G-LCD panels, roughly adjust the convergence first and then the focus.

(B) Convergence adjustment

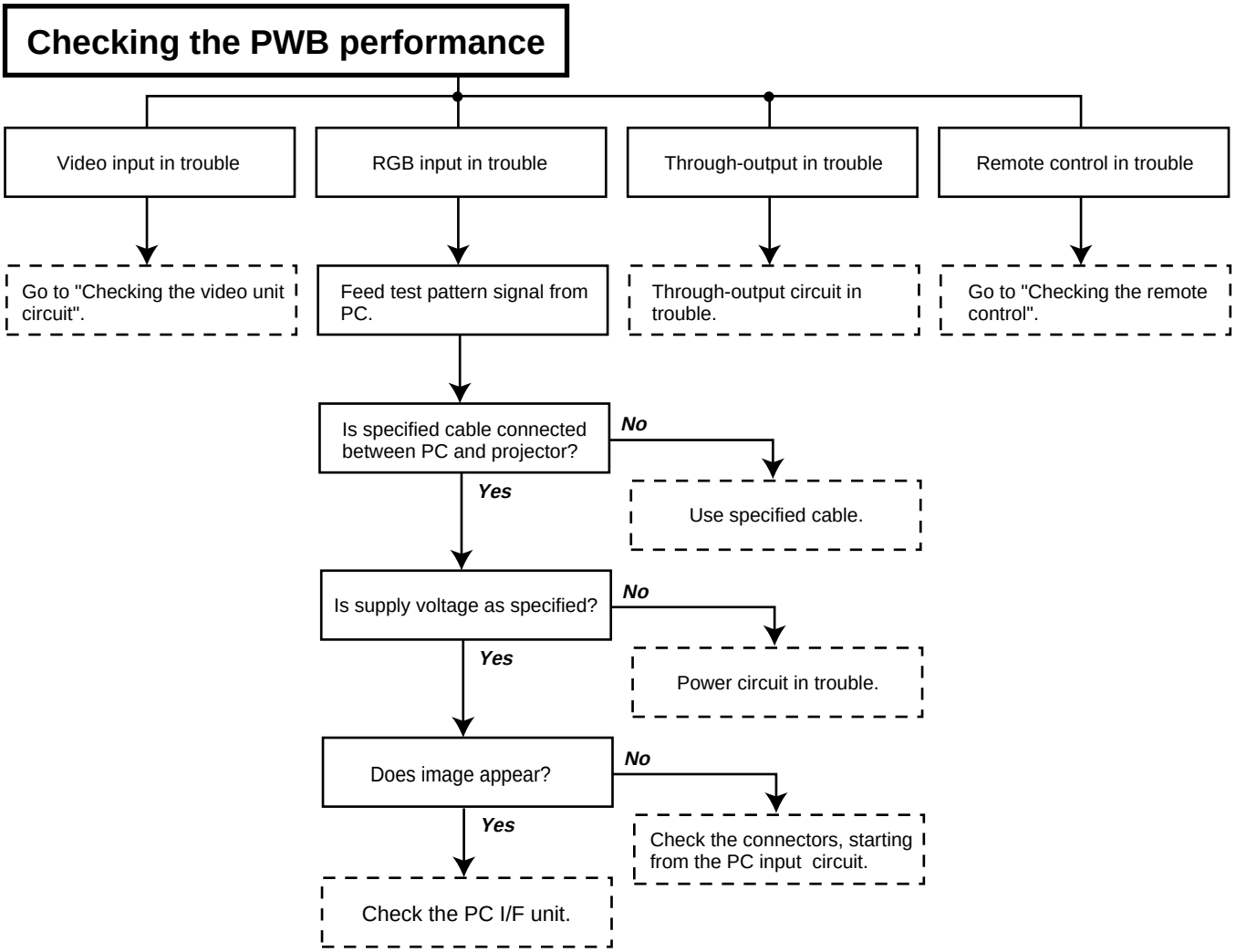
- Use a crosshatch pattern signal for this adjustment.
  Make the adjustment just for the G-color and the relevant color.
  (1) Loosen the convergence lock screw "d".
  (2) With the G-LCD panel's screen center as reference, adjust the B-LCD panel in the X, Y and θZ directions.
  (3) Finally tighten up the convergence lock screw "d".

ELECTRICAL ADJUSTMENT

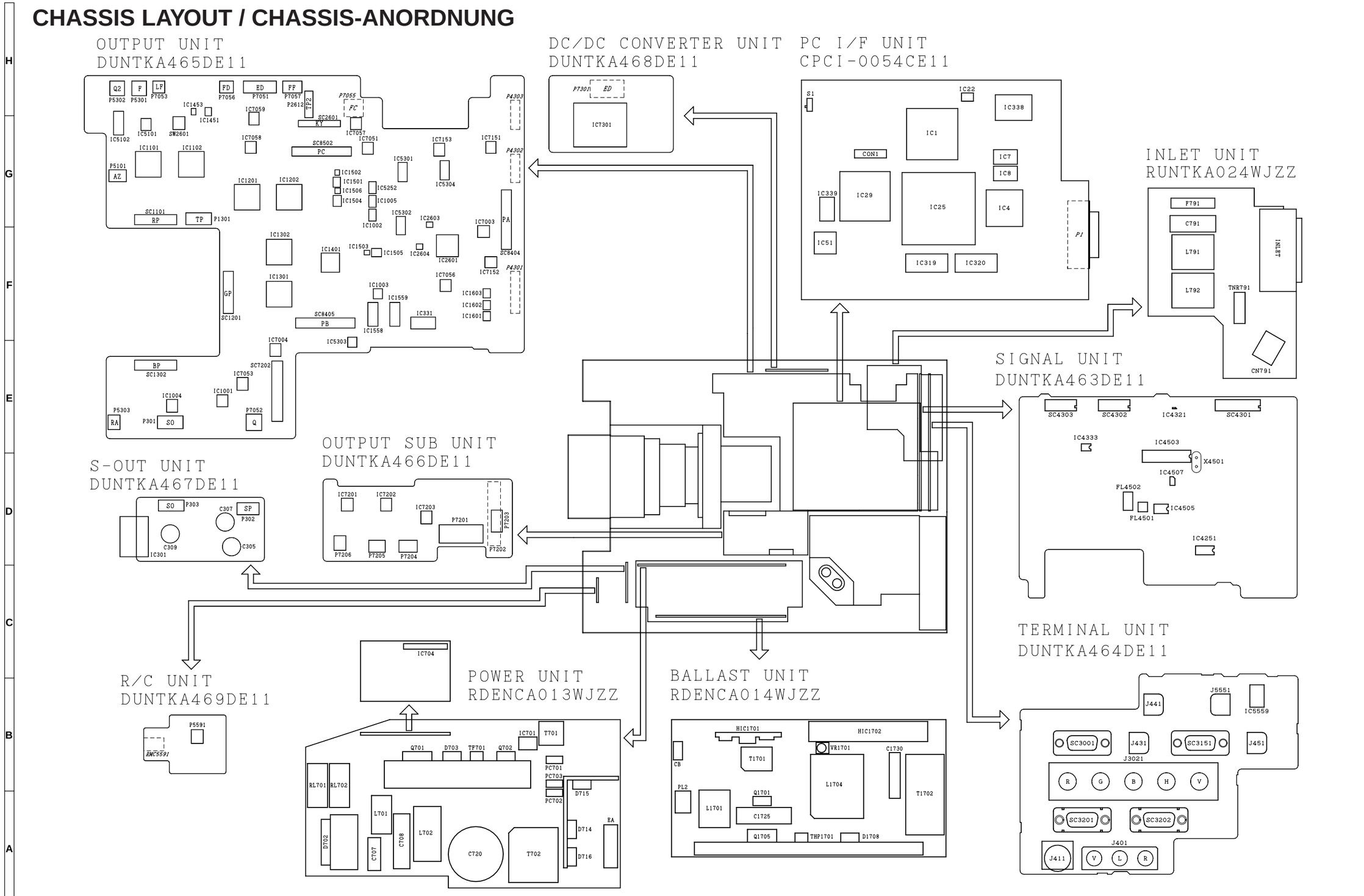
Hook up a signal generator, or a DOSV or Mac personal computer to the projector in order to feed the signals specified in the Adjusting conditions.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
1	**EEPROM initialization**	1. Turn on the power (make sure the lamp lights up) and warm up the unit for 15 minutes.	● Make the following settings: Press S2601 to call up the process mode and execute S2 and S4 in the SSS menu. Now the system, with the PC board not included, is initialized. Do not execute S1 because otherwise the PC board will be initialized. To adjust the PC board, follow the instruction in "Adjusting the PC Interface". (See page 34)
2	**R drive**	1. Make the following choice. Group : A/D 2. Feed the 100% red-only signal. Make the following choice. Group : A/D Subject : R-D	● Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).
3	**B drive**	1. Feed the 100% blue-only signal. Make the following choice. Group : A/D Subject : B-D	● Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).
4	**G drive**	1. Feed the 100% green-only signal. Make the following choice. Group : A/D Subject : G-D	● Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).
5	**RGB 1 system black level signal amplitude (odd-numbered)**	1. Make the following choice: Group : OUTPUT 1 Subject : G1-BLK G1-GAIN For green, choose the subjects R1-BLK and R1-GAIN. For blue, choose the subjects B1-BLK and B1-GAIN. 2. Connect the oscilloscope to TP1101 for red. TP1201 for green TP1301 for blue	● Choose the subject G1-GAIN and adjust the signal amplitude to 3.9 ±0.05 Vp-p using the control switches or the remote controller buttons. ● Next, choose the subject G-BLK and adjust the white peak level to 2.0Vp-p ±0.1V.  ● Make the same adjustments for green and blue.

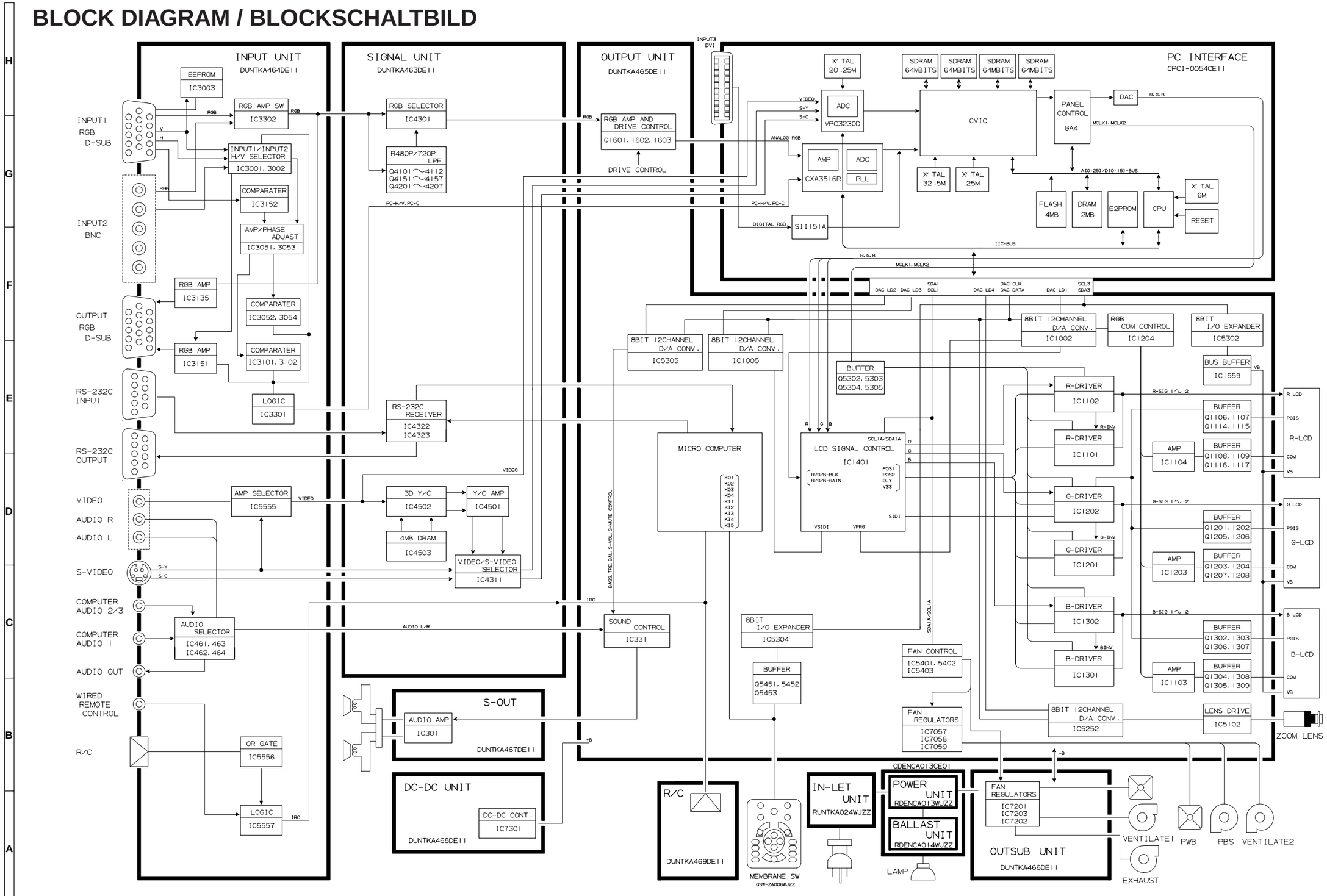
TROUBLE SHOOTING TABLE



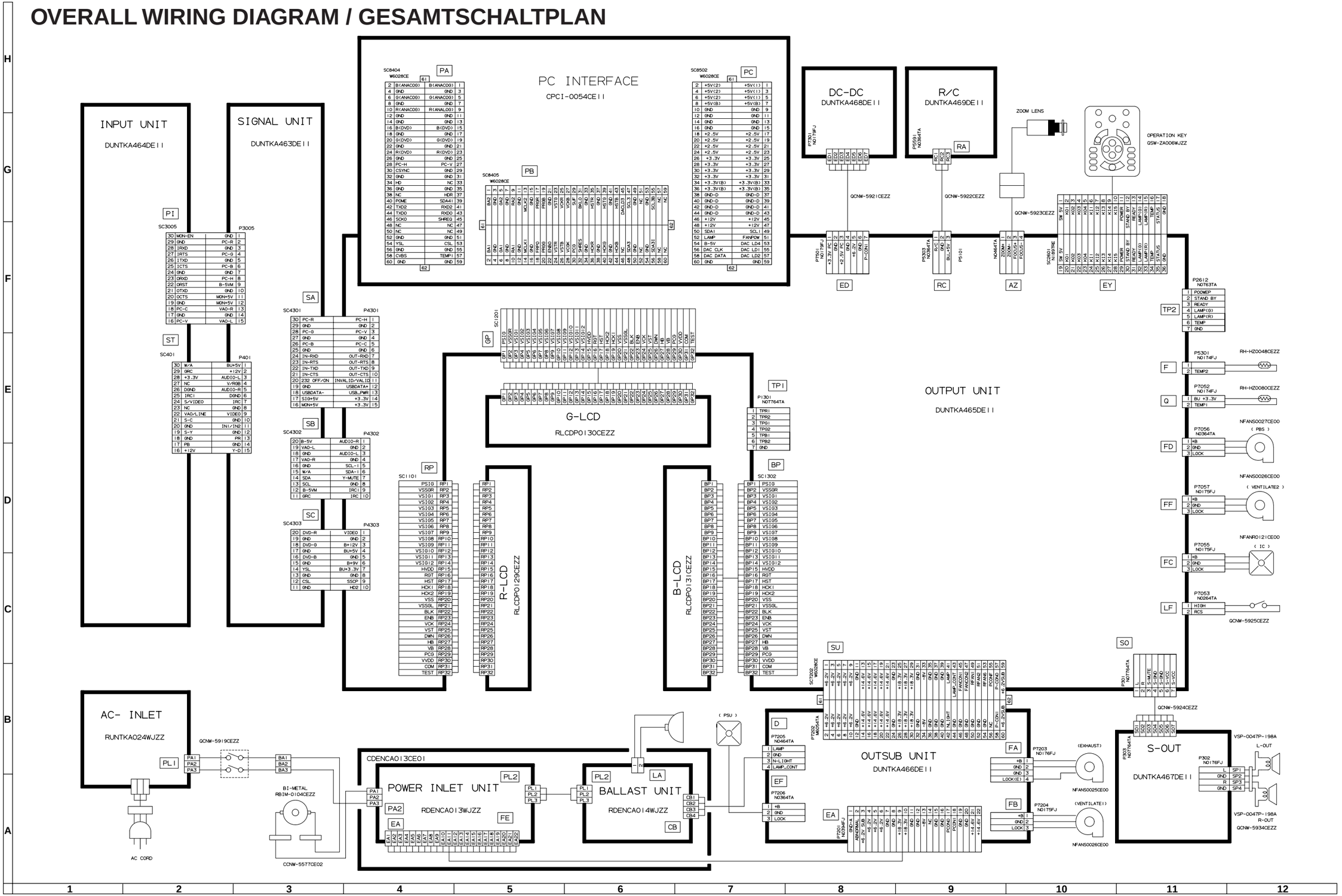
CHASSIS LAYOUT / CHASSIS-ANORDNUNG



BLOCK DIAGRAM / BLOCKSCHALTBILD



OVERALL WIRING DIAGRAM / GESAMTSCHALTPLAN



DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. Voltages at test points are measured at the supply voltage of AC 220V. Signals are fed by a color bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

WAVEFORM MEASUREMENT CONDITION:

1. Waveforms at test points are observed at the supply voltage of AC 220V. Signals are fed by a color bar signal generator for servicing purpose.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted. (K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted. (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are 1/10W, unless otherwise noted.
4. All resistors are Carbon type, unless otherwise noted.
   - Ⓒ: Solid
   - Ⓦ: Cement
   - Ⓢ: Oxide Film
   - Ⓣ: Special
   - Ⓝ: Metal Coating

CAPACITOR

1. All capacitors are µF, unless otherwise noted. (P=pF=µµF).
2. All capacitors are 50V, unless otherwise noted.
3. All capacitors are Ceramic type, unless otherwise noted.
   - (ML): Mylar
   - (TA): Tantalum
   - (PF): Polypro Film
   - (ST): Styrol

CAUTION:
This circuit diagram is original one, therefore there may be a slight difference from yours.

SAFETY NOTES:

1. ***DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACEING PARTS.***
2. ***SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.***

IMPORTANT SAFETY NOTICE:

PARTS MARKED WITH "⚠" ( ) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

BESCHREIBUNG DES SCHEMATISCHEN SCHALTPLANS

SPANNUNGSMESSUNGEN:

1. Spannungen an den Prüfpunkten werden bei einer Netzspannung von 220V gemessen, Signale werden für die Wartung mit einem Farbbalken-Signal generator zugeführt, und Spannungen werden mit einem Meßinstrument (20 kΩ/V) ermittelt.

SIGNALFORMMESSUNGEN:

1. Die Wellenformen an den Testpunkten werden bei einer Netzspannung von 220V verfolgt. Signale werden für die Wartung mit einem Farbbalken-Signal generator zugeführt.

BEZEICHNUNG DES WIDERSTANDS UND KONDENSATORS:

WIDERSTAND

1. Die Widerstandseinheit "Ω" wird weggelassen. (K=kΩ=1000 Ω, M=MΩ)
2. Alle Widerstände haben ± 5%, sofern nicht anders angegeben.(J= ± 5%, F= ± 1%, D= ± 0.5%)
3. Alle Widerstände haben 1/10W, sofern nicht anders angegeben.
4. Alle Widerstände sind Kohletyp, sofern nicht anders angegeben.
   - Ⓒ: Solid
   - Ⓦ: Cement
   - Ⓢ: Oxide Film
   - Ⓣ: Special
   - Ⓝ: Metal Coating

KONDENSATOR

1. Die Kapazitätseinheit ist µF, sofern nicht anders angegeben. (P=pF=µµF).
2. Alle Kondensatoren haben 50V, sofern nicht anders angegeben.
3. Alle Kondensatoren sind Keramiktyp, sofern nicht anders angegeben.
   - (ML): Mylar
   - (TA): Tantal
   - (PF): Polyprofilm
   - (ST): Styrol

ACHTUNG:
Bei diesem Schaltplan handelt es sich um den ursprünglichen. Esönnen daher geringfügige Unterschiede zu dem Ihrem bestehen.

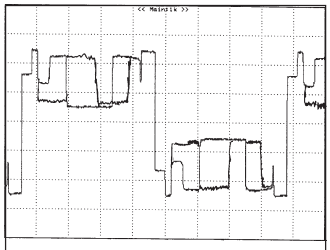
SICHERHEITSANMERKUNGEN:

1. ***VOR DEM AUSWECHSELN VON TEILEN MUSS UNBEDINGT NETZSTECKER AUS DER NETZSTECKDOSE GEZOGEN WERDEN.***
2. ***DIE WARMEABLEITER DER HALBLEITER SOLLTEN BEIM BETRIEB DES CHASSIS ALS MÖGLICHE URSACHEN VON GEFÄHRLICHEN ELEKTRISCHEN SCHLÄGEN BETRACHTET WERDEN.***

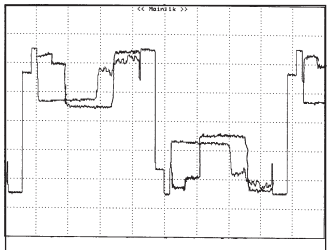
WICHTIGE SICHERHEITSANMERKUNGEN:

MIT "⚠"( )BEZEICHNETEN TEILE SIND BESONDERS WICHTIG FÜR DIE AUFRECHTERHALTUNG DER SICHERHEIT . BEIM WECHDIESER TEILE SOLLTEN DIE VORGESCHRIEBENEN TEILE IMMER VERWENDET WERDEN, UM SOWOHL DIE SICHERHEIT ALS AUCH DIE LEISTUNG DES GERÄTES AUFRECHTZUERHALTEN.

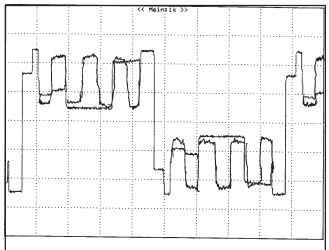
WAVEFORMS / WELLENFORMEN



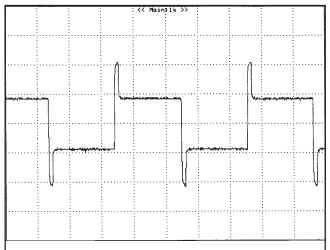
① (R), TP1101
H :5µsec/div
V :2V/div



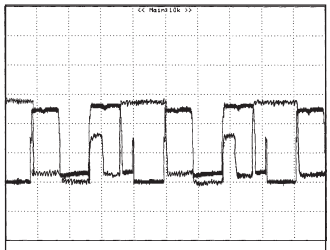
② (G), TP1201
H :5µsec/div
V :2V/div



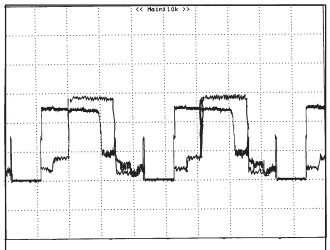
③ (B), TP1301
H :5µsec/div
V :2V/div



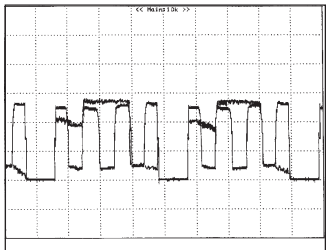
④ P-SiG
H :10µsec/div
V :2V/div



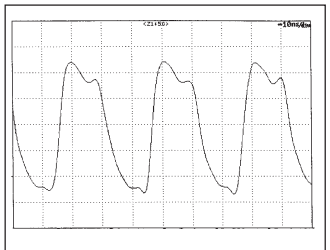
⑤ (R), Pin 10 of SC8405
H :5µsec/div
V :0.5V/div



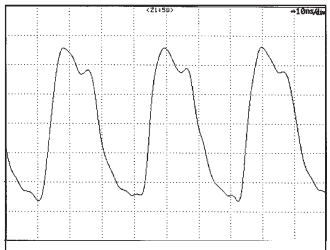
⑥ (G), Pin 6 of SC8405
H :5µsec/div
V :0.5V/div



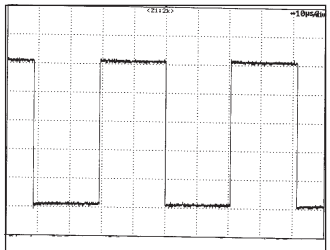
⑦ (B), Pin 2 of SC8405
H :5µsec/div
V :0.52V/div



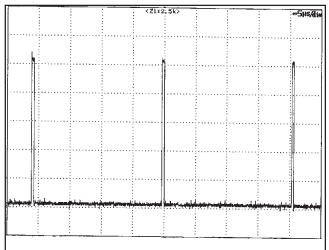
⑧ Q5302
H :10nsec/div
V :0.2V/div



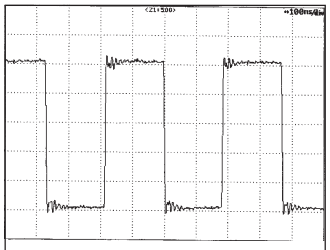
⑨ Q5304
H :10nsec/div
V :0.2V/div



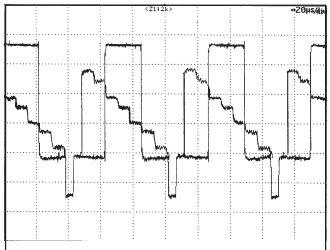
⑩ VST
H :10µsec/div
V :1V/div



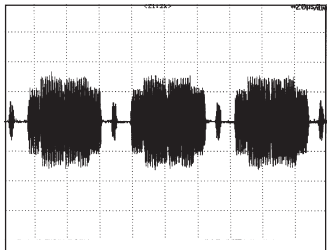
⑪ HST
H :5µsec/div
V :1V/div



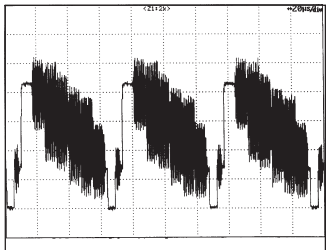
⑫ HCK2.2
H :100nsec/div
V :1V/div



⑬ Pin 14 of P4303
H :20µsec/div
V :0.2V/div

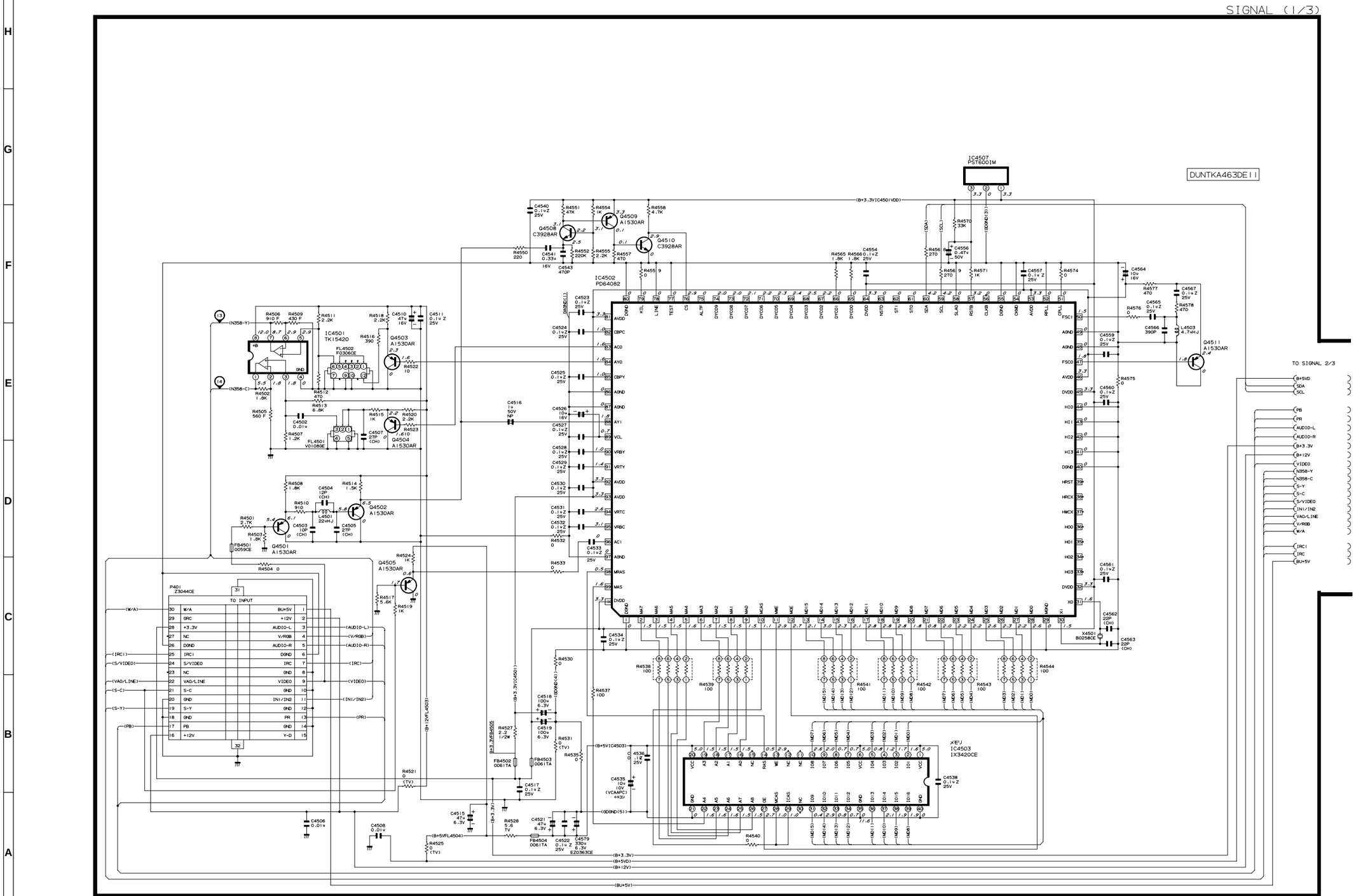


⑭ Pin 12 of P4303
H :20µsec/div
V :0.2V/div

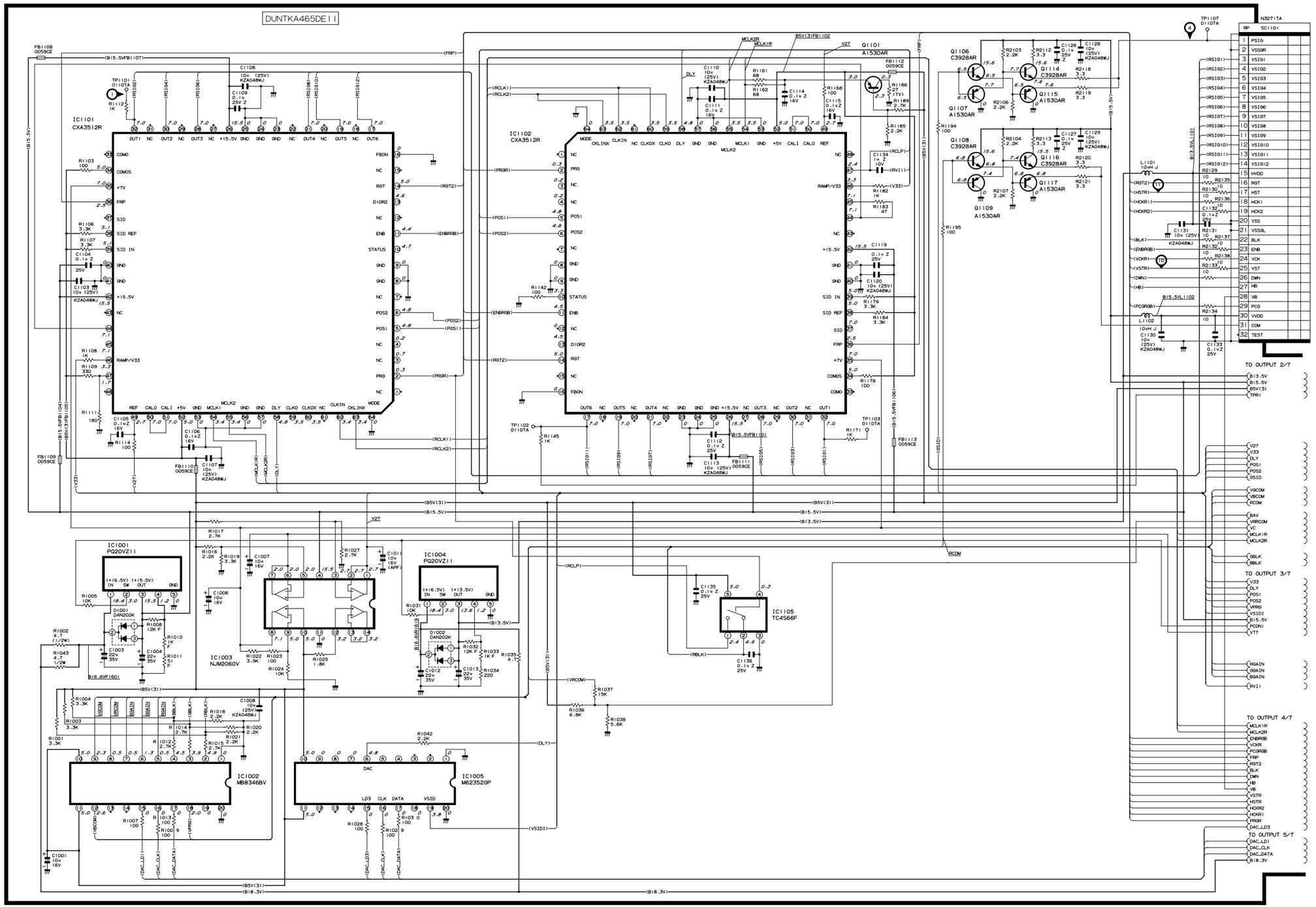


⑮ Pin 1 of P4303 Video
H :20µsec/div
V :0.2V/div

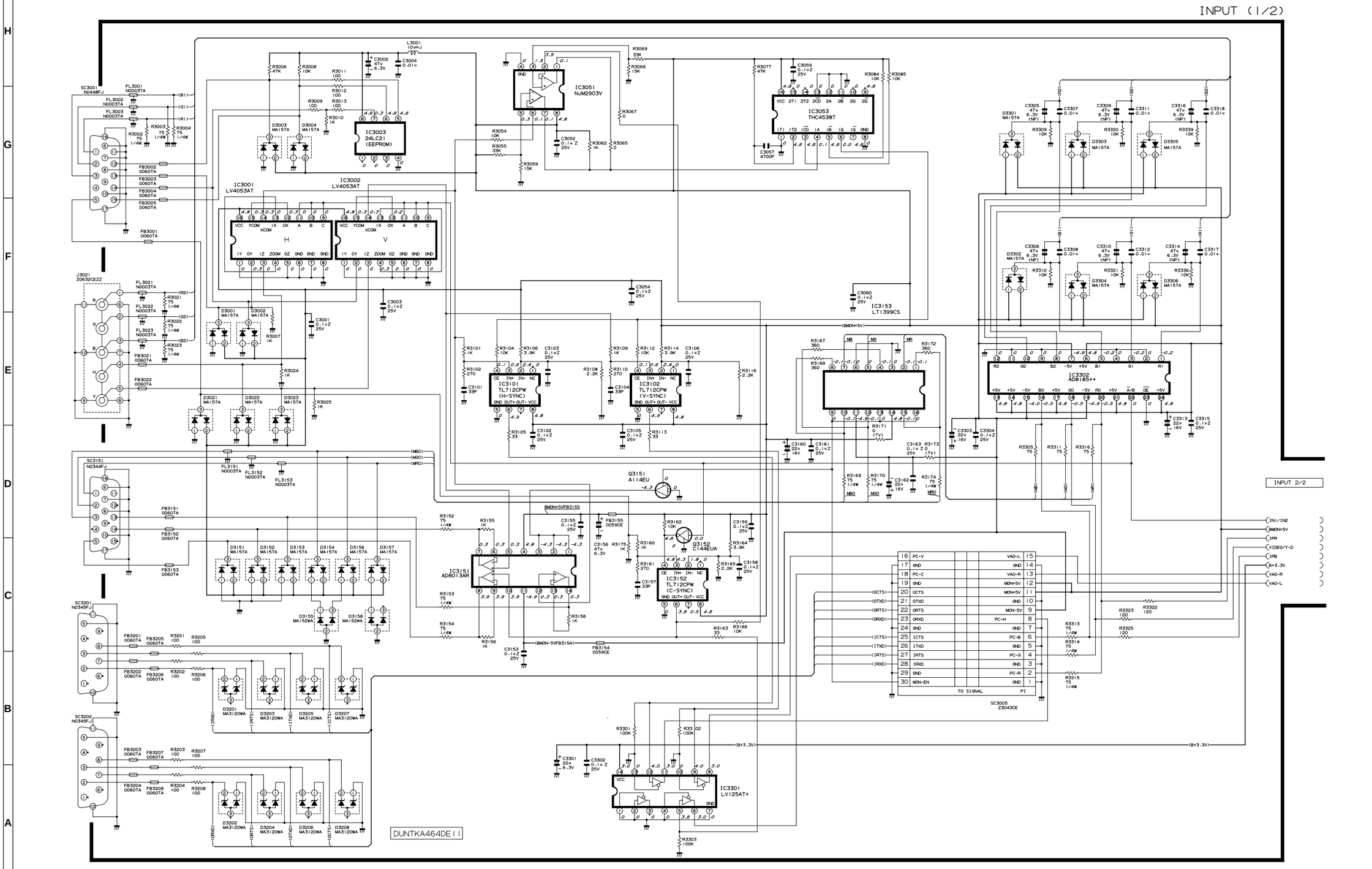
■ SIGNAL UNIT / SIGNALEINHEIT-1/3



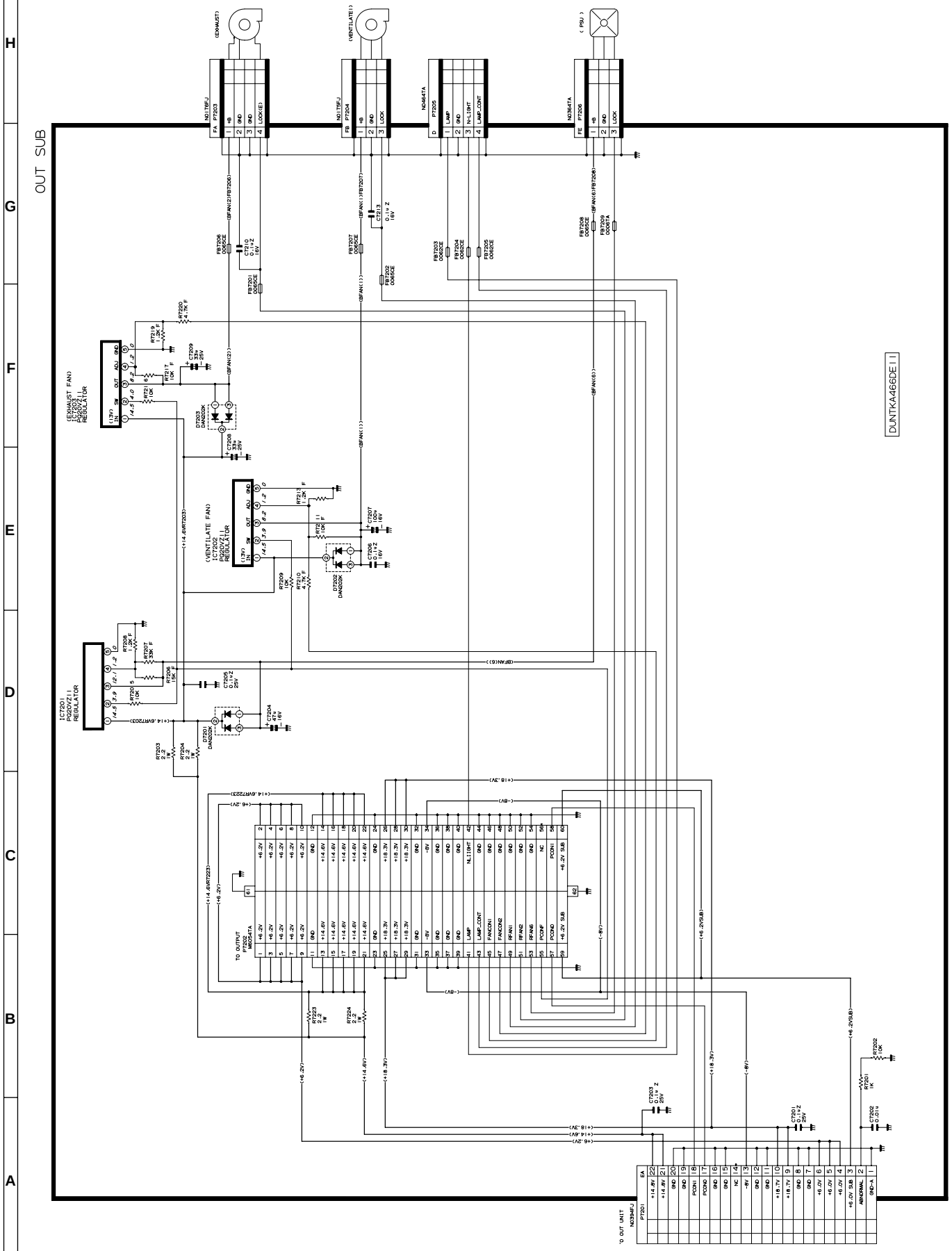
■ OUTPUT UNIT / AUSGANGSEINHEIT-1/7



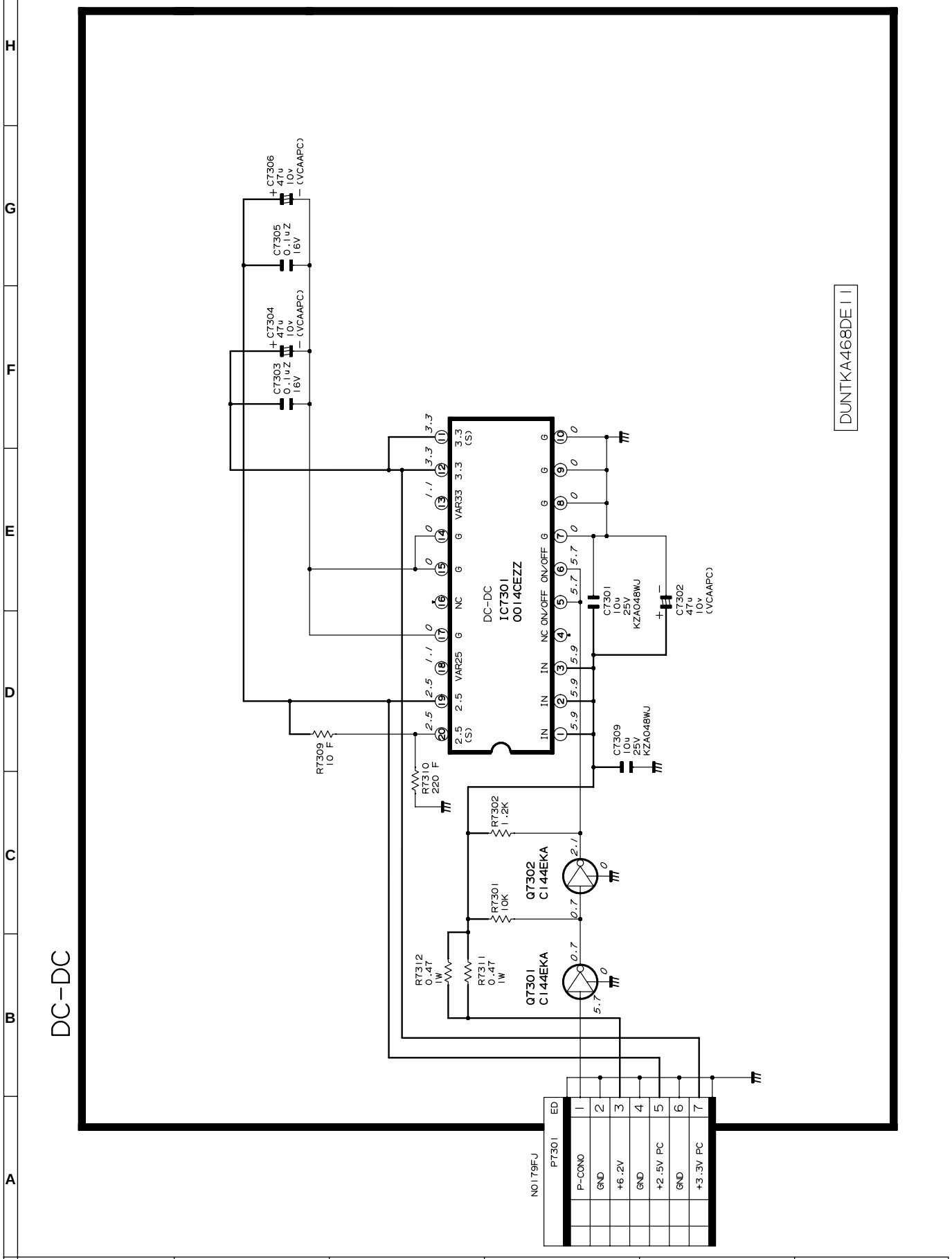
■ INPUT UNIT / EINGANGSEINHEIT-1/2



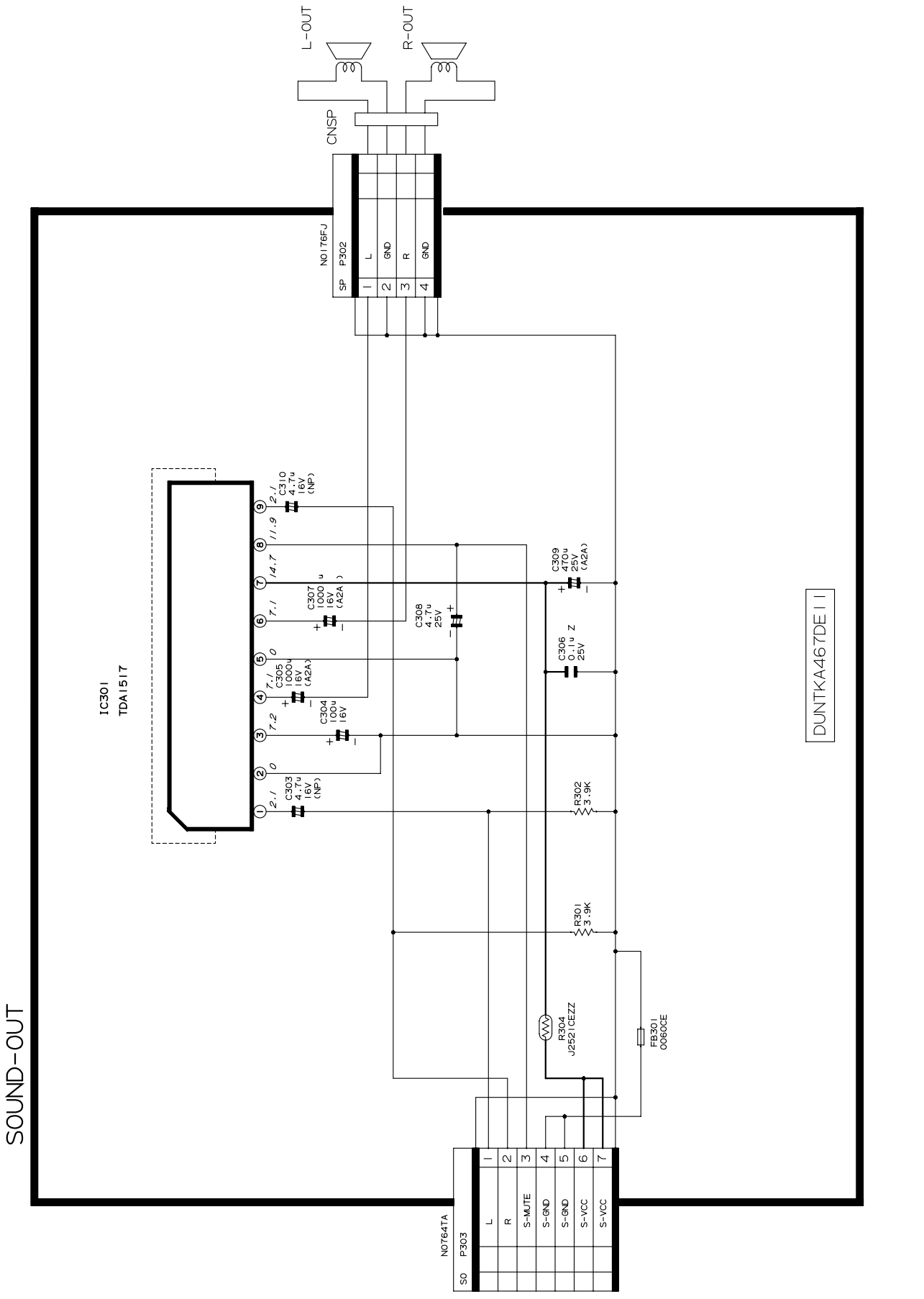
■ OUTPUT SUB UNIT / AUSGANGS-HILFSEINHEIT



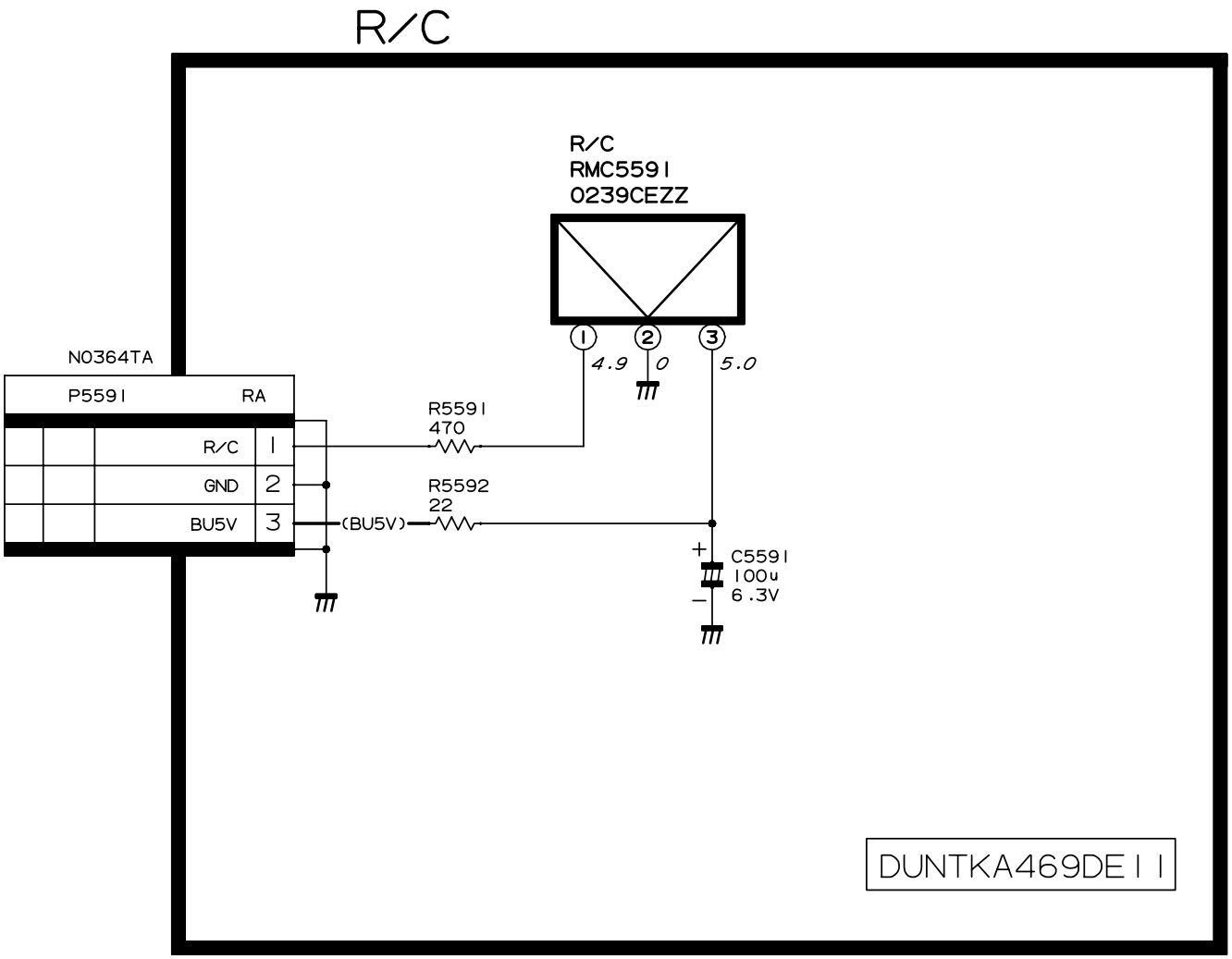
■ DC/DC CONVERTER UNIT / DC/DC-KONVERTERSEINHEIT



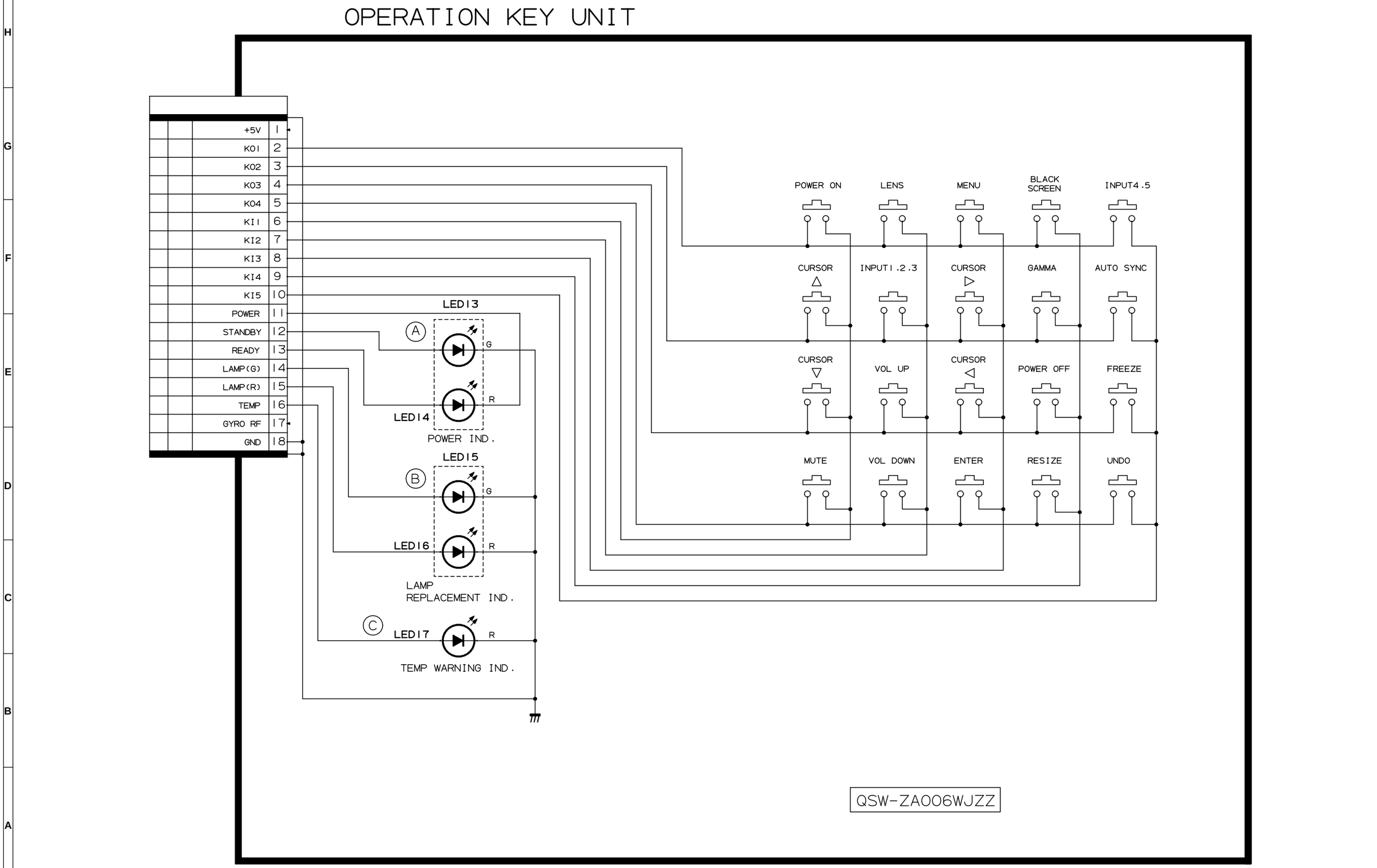
■ SOUND OUT UNIT / TONAUSGANGSEINHEIT



■ R/C RECEIVER UNIT / FERNBEDIENUNGSEINHEIT

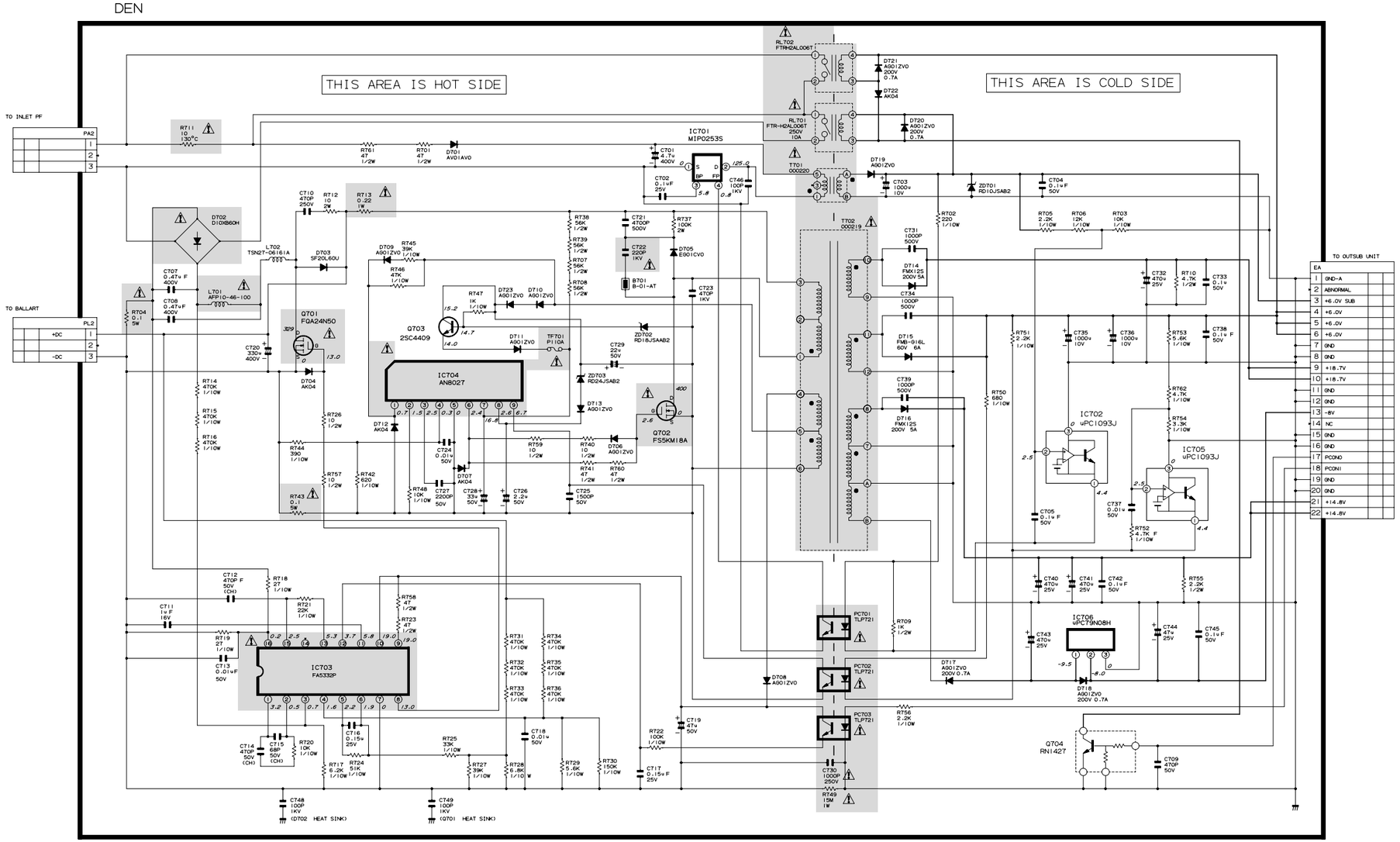


■ OPERATION KEY UNIT / BEDIENUNGSTASTENEINHEIT

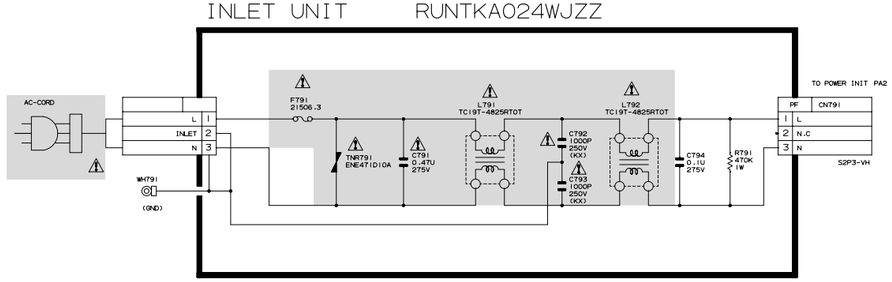


■ POWER / AC INLET UNIT
NETZEINHEIT / NETZEINGANGSEINHEIT

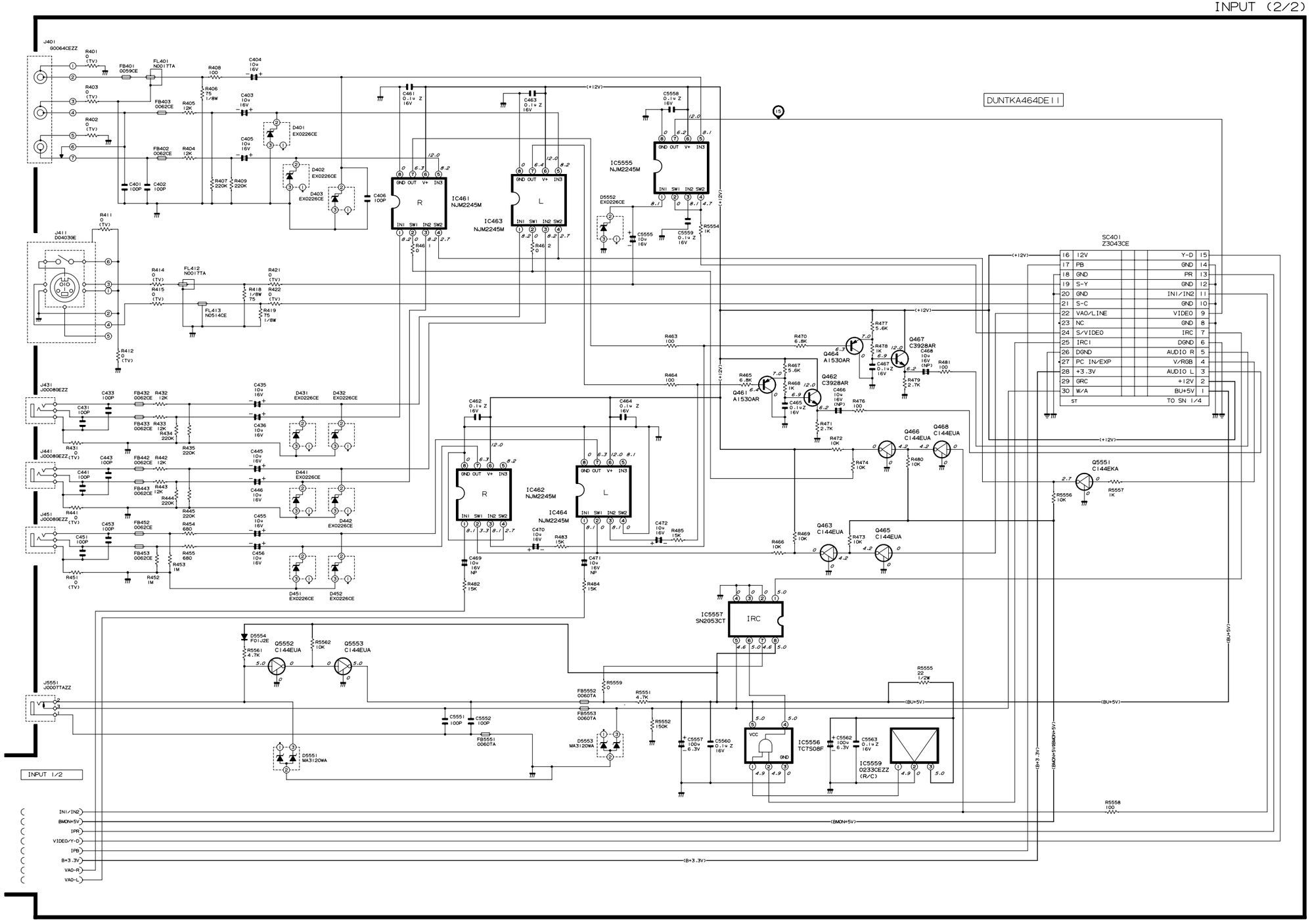
DEN



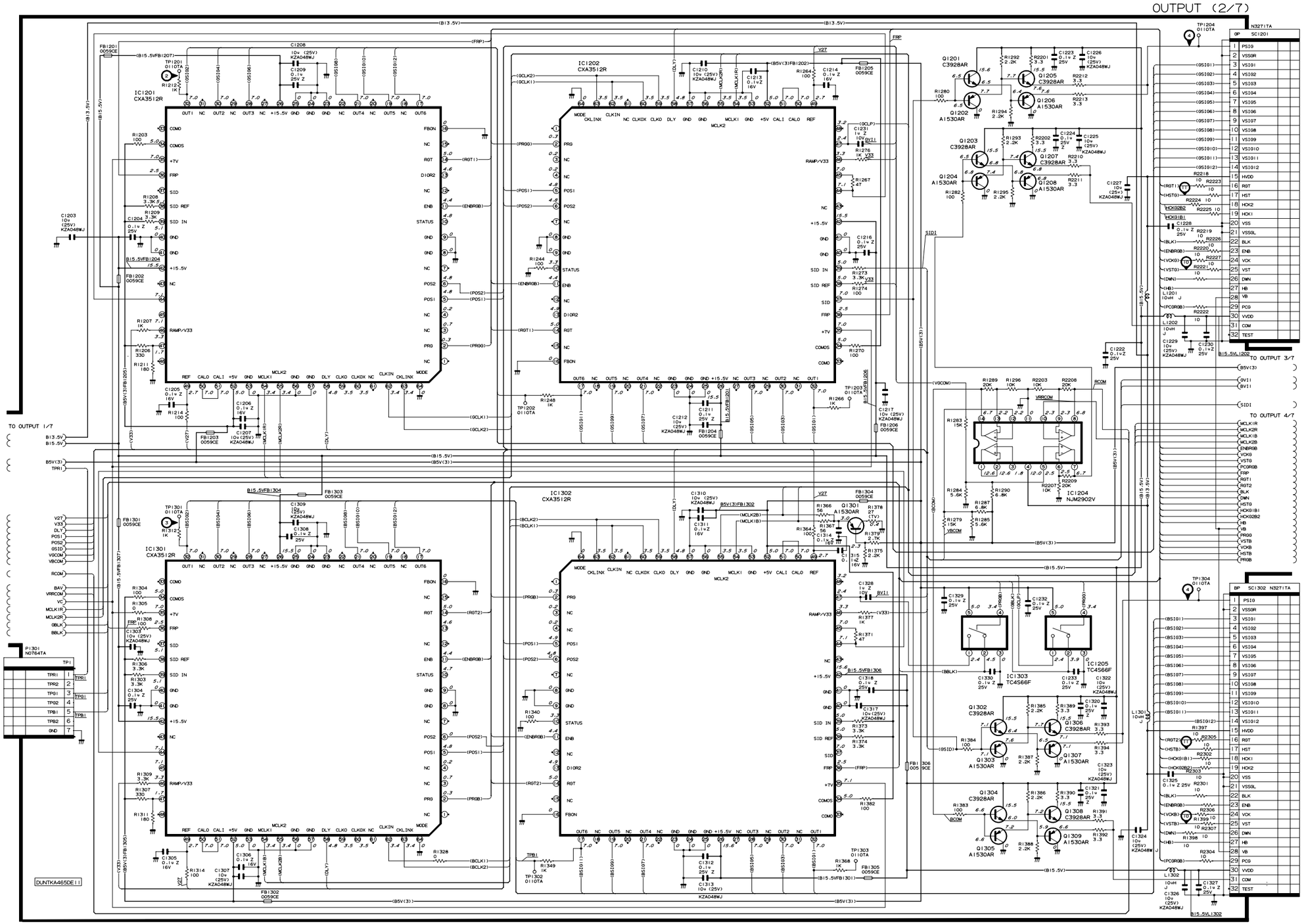
INLET UNIT RUNTKA024WJZZ



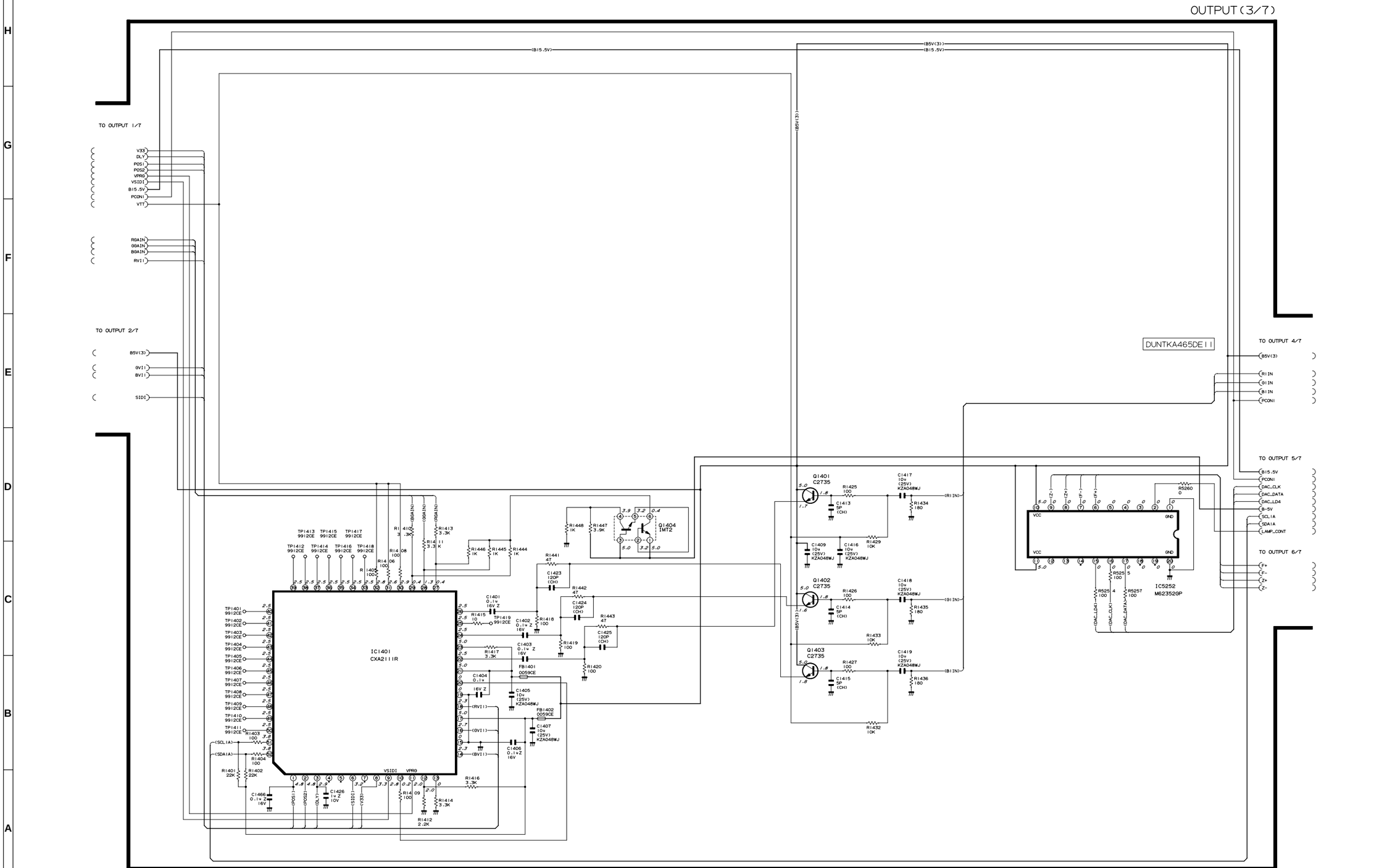
■ INPUT UNIT / EINGANGSEINHEIT-2/2



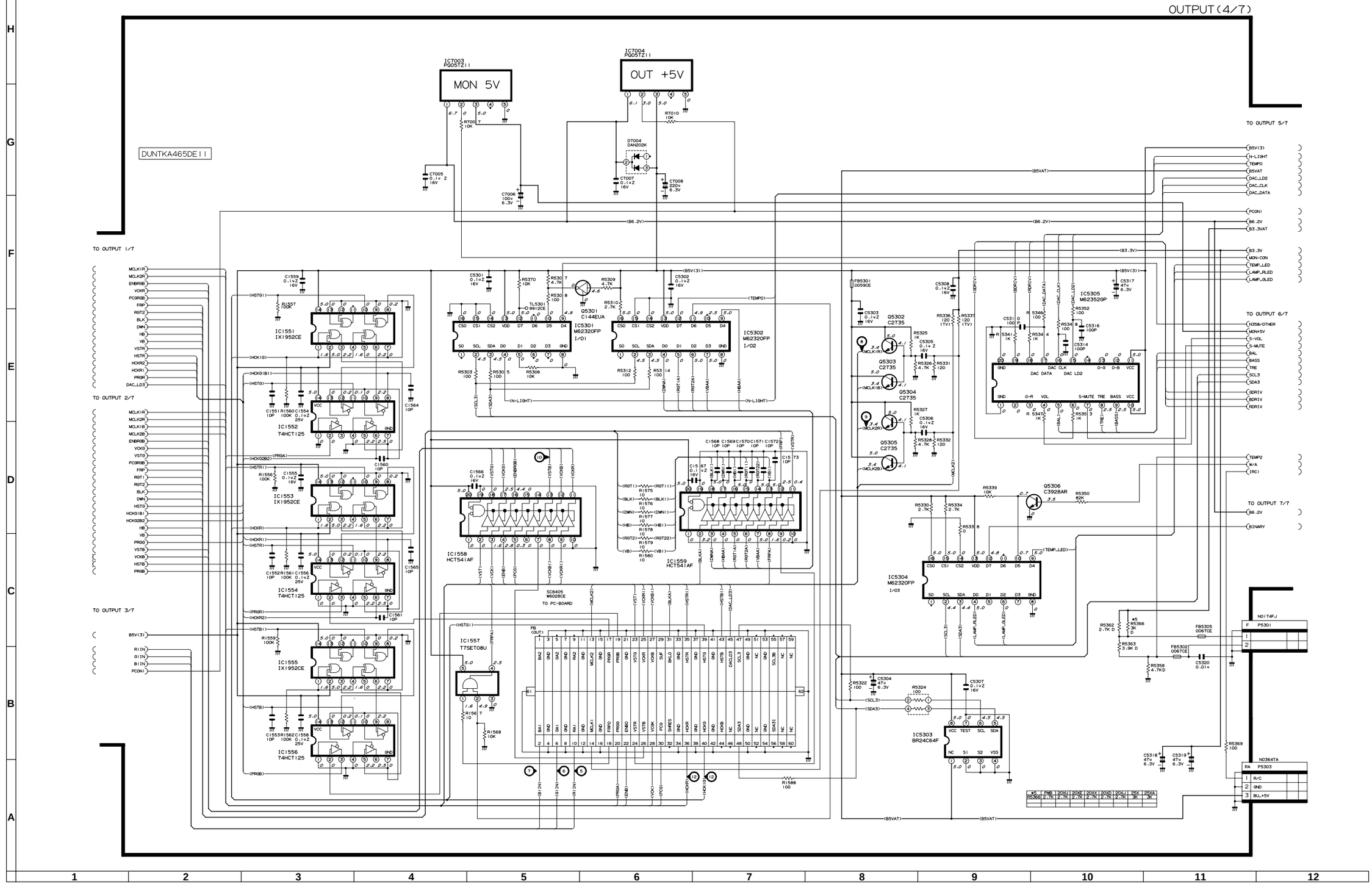
■ OUTPUT UNIT / AUSGANGSEINHEIT-2/7



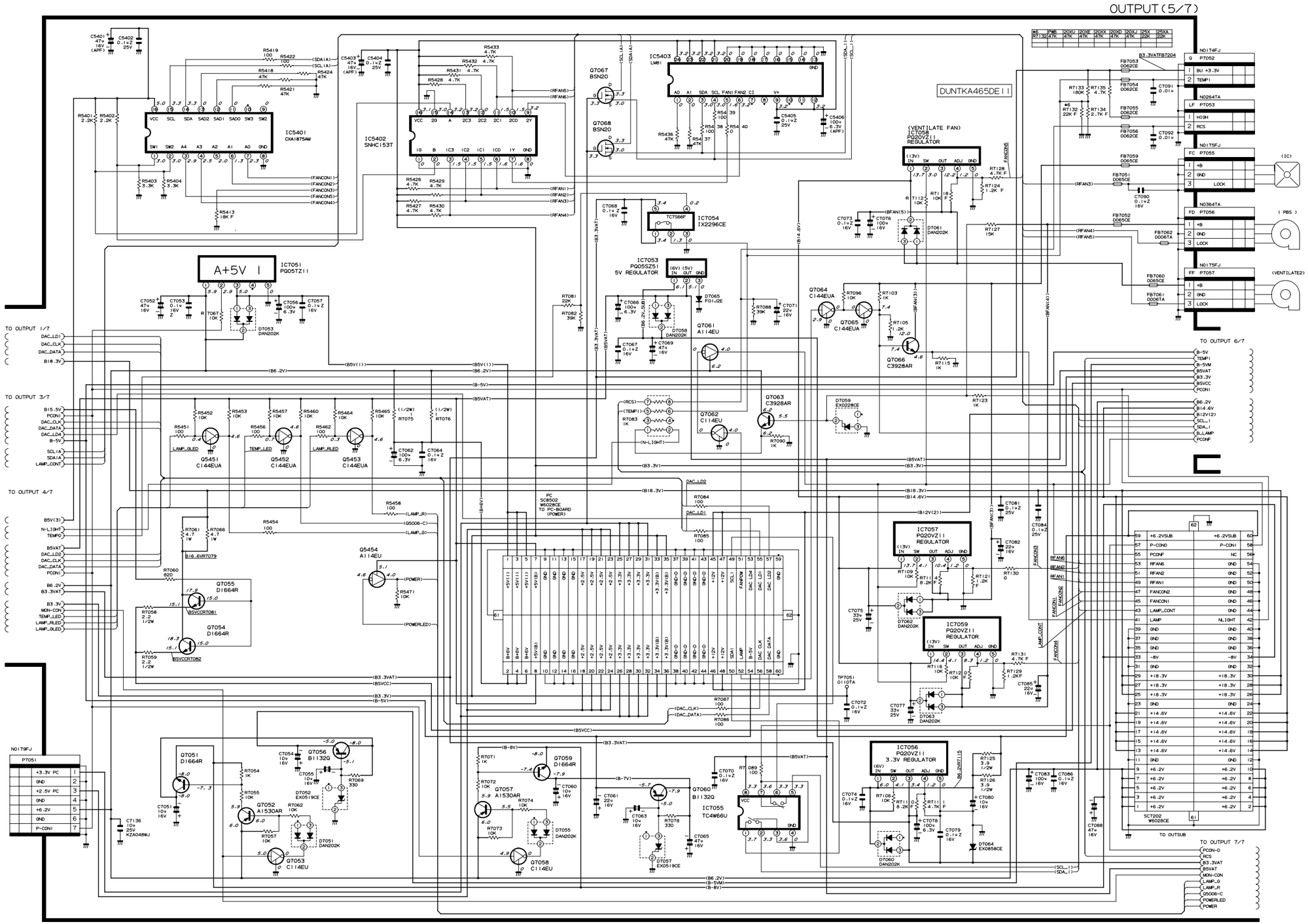
■ OUTPUT UNIT / AUSGANGSEINHEIT-3/7



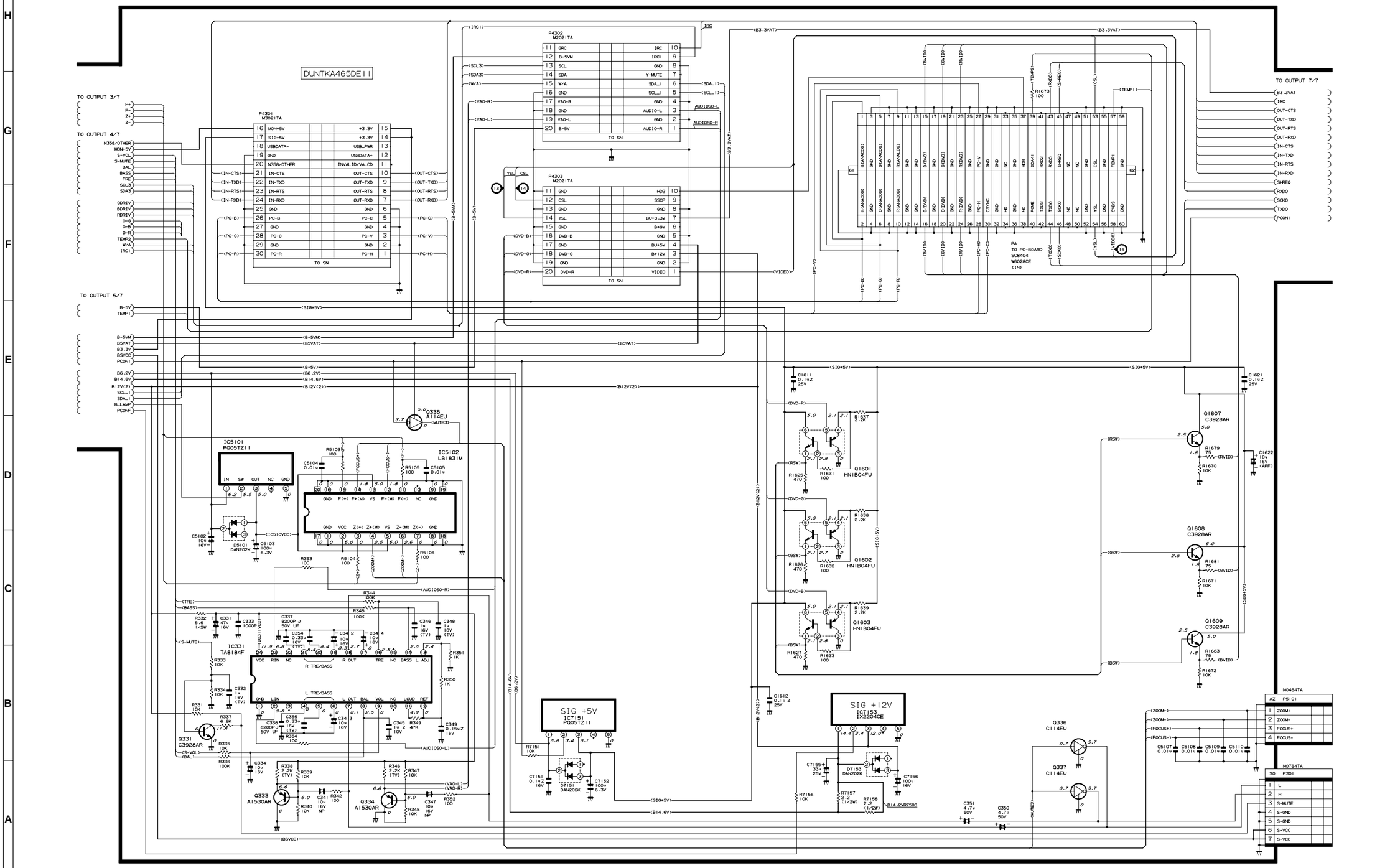
■ OUTPUT UNIT / AUSGANGSEINHEIT-4/7



■ OUTPUT UNIT / AUSGANGSEINHEIT-5/7

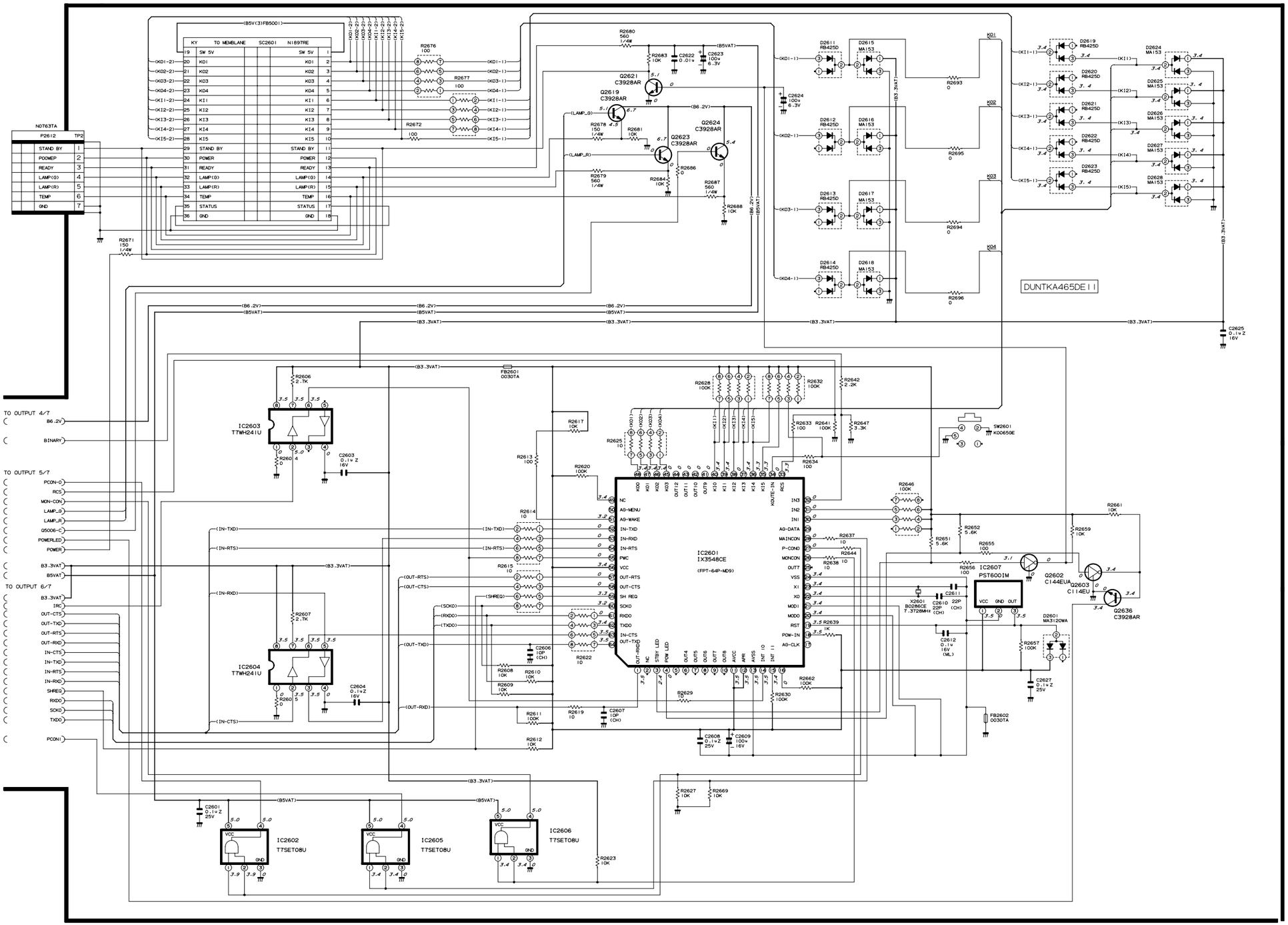


■ OUTPUT UNIT / AUSGANGSEINHEIT-6/7

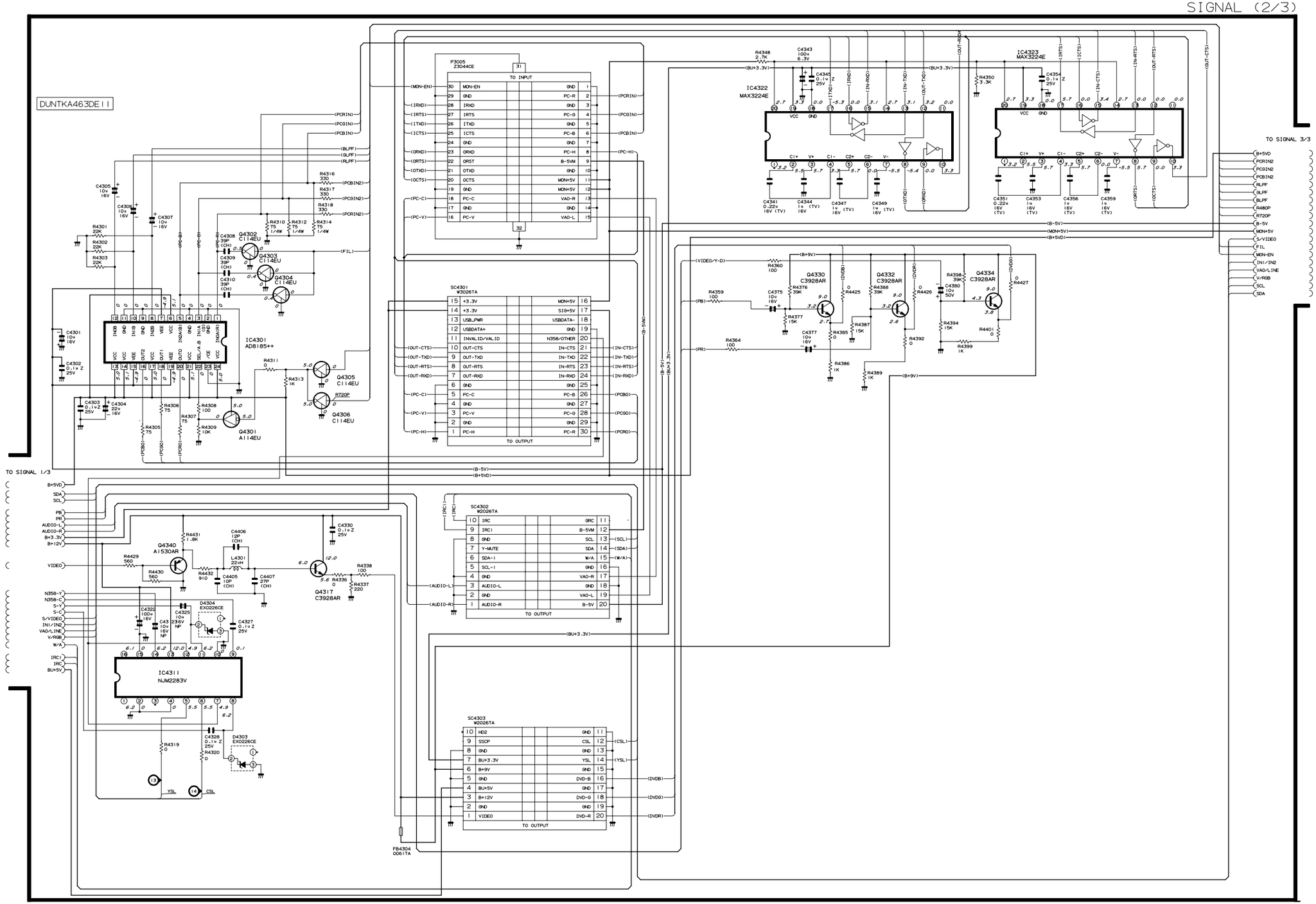


■ OUTPUT UNIT / AUSGANGSEINHEIT-7/7

OUTPUT (7/7)



■ SIGNAL UNIT / SIGNALEINHEIT-2/3



■ SIGNAL UNIT / SIGNALEINHEIT-3/3

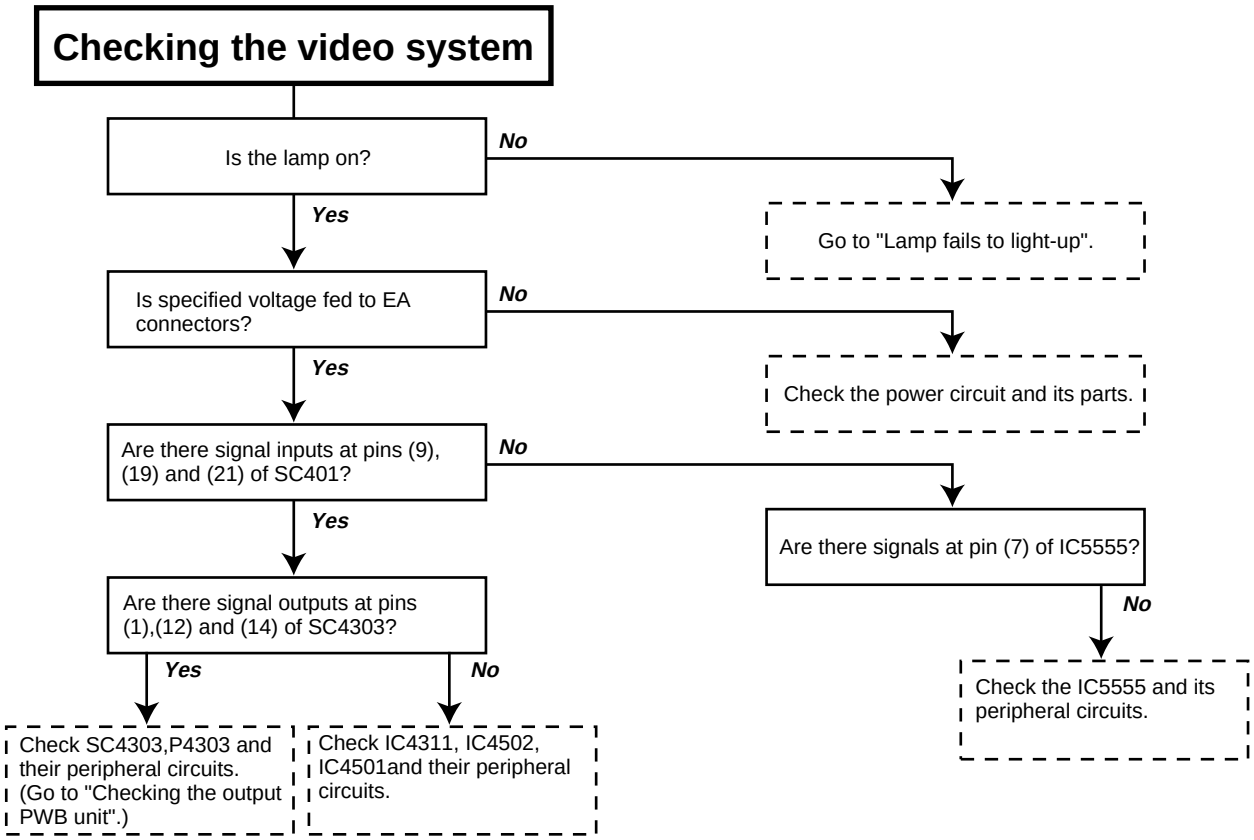
SIGNAL (3/3)

DUNTKA463DE11

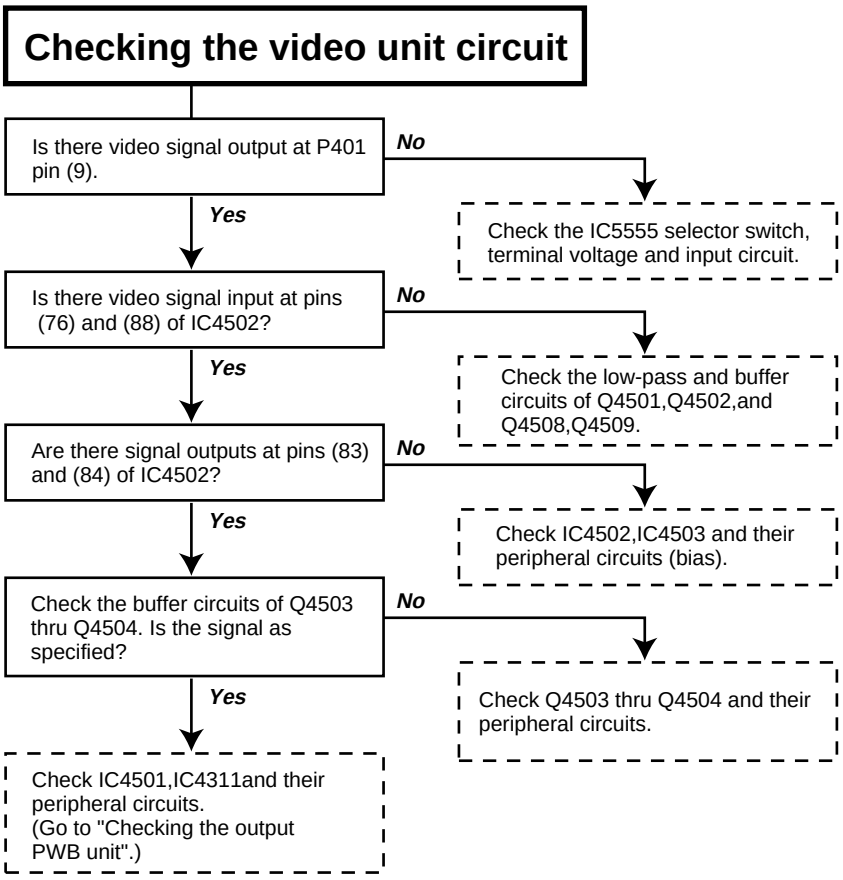
TO SIGNAL 2/3

TROUBLE SHOOTING TABLE (Continued)

Checking the video system

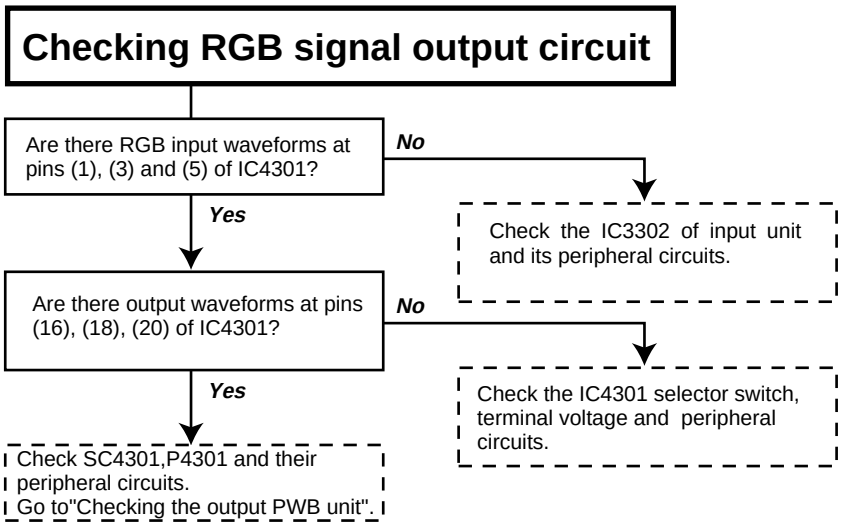

Is the lamp on?
No
Yes
Go to "Lamp fails to light-up".
Is specified voltage fed to EA connectors?
No
Yes
Check the power circuit and its parts.
Are there signal inputs at pins (9), (19) and (21) of SC401?
No
Yes
Are there signals at pin (7) of IC5555?
No
Check the IC5555 and its peripheral circuits.
Are there signal outputs at pins (1),(12) and (14) of SC4303?
Yes
No
Check SC4303,P4303 and their peripheral circuits. (Go to "Checking the output PWB unit".)
Check IC4311, IC4502, IC4501and their peripheral circuits.

Checking the video unit circuit

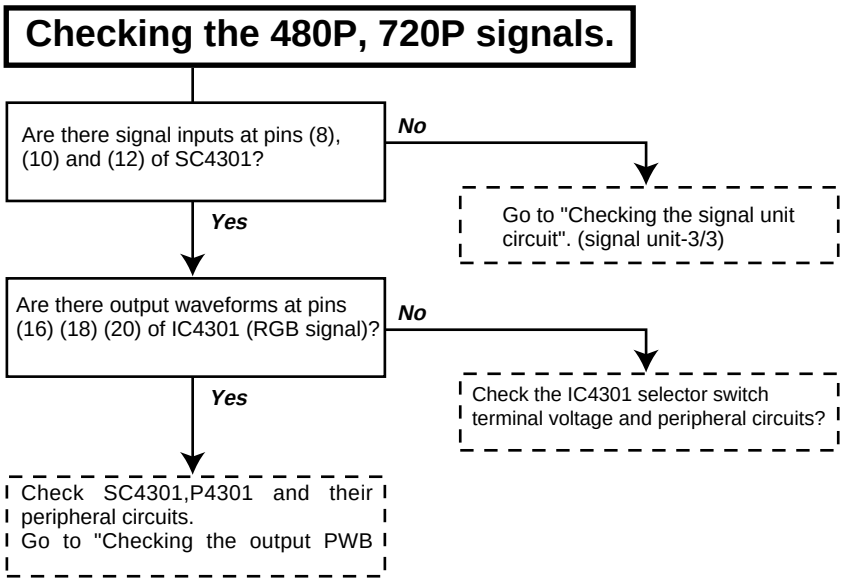

Is there video signal output at P401 pin (9).
No
Yes
Check the IC5555 selector switch, terminal voltage and input circuit.
Is there video signal input at pins (76) and (88) of IC4502?
No
Yes
Check the low-pass and buffer circuits of Q4501,Q4502,and Q4508,Q4509.
Are there signal outputs at pins (83) and (84) of IC4502?
No
Yes
Check IC4502,IC4503 and their peripheral circuits (bias).
Check the buffer circuits of Q4503 thru Q4504. Is the signal as specified?
No
Yes
Check Q4503 thru Q4504 and their peripheral circuits.
Check IC4501,IC4311and their peripheral circuits. (Go to "Checking the output PWB unit".)

TROUBLE SHOOTING TABLE (Continued)

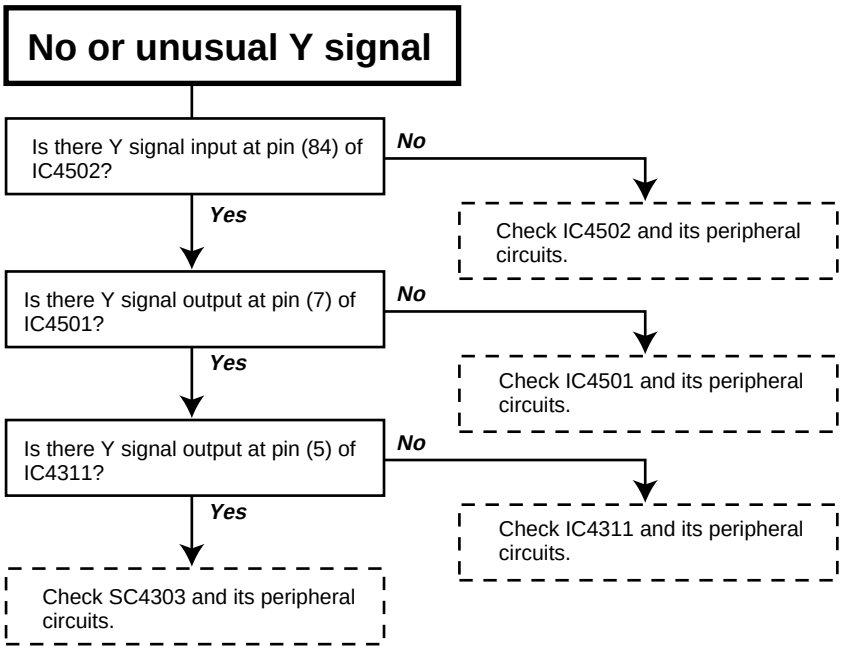
Checking RGB signal output circuit


Are there RGB input waveforms at pins (1), (3) and (5) of IC4301?
No
Yes
Check the IC3302 of input unit and its peripheral circuits.
Are there output waveforms at pins (16), (18), (20) of IC4301?
No
Yes
Check the IC4301 selector switch, terminal voltage and peripheral circuits.
Check SC4301,P4301 and their peripheral circuits.
Go to"Checking the output PWB unit".

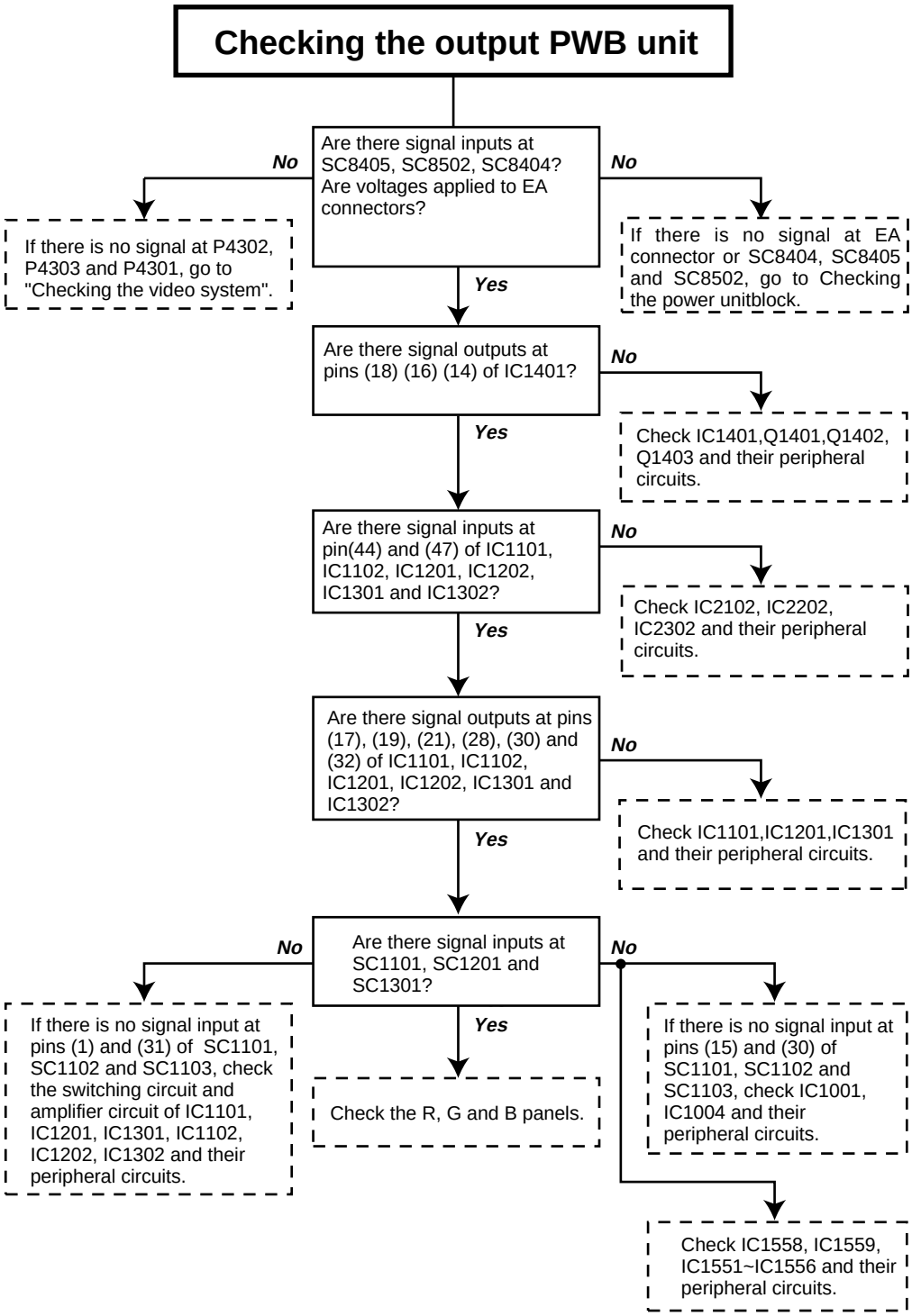
Checking the 480P, 720P signals.


Are there signal inputs at pins (8), (10) and (12) of SC4301?
No
Yes
Go to "Checking the signal unit circuit". (signal unit-3/3)
Are there output waveforms at pins (16) (18) (20) of IC4301 (RGB signal)?
No
Yes
Check the IC4301 selector switch terminal voltage and peripheral circuits?
Check SC4301,P4301 and their peripheral circuits.
Go to "Checking the output PWB

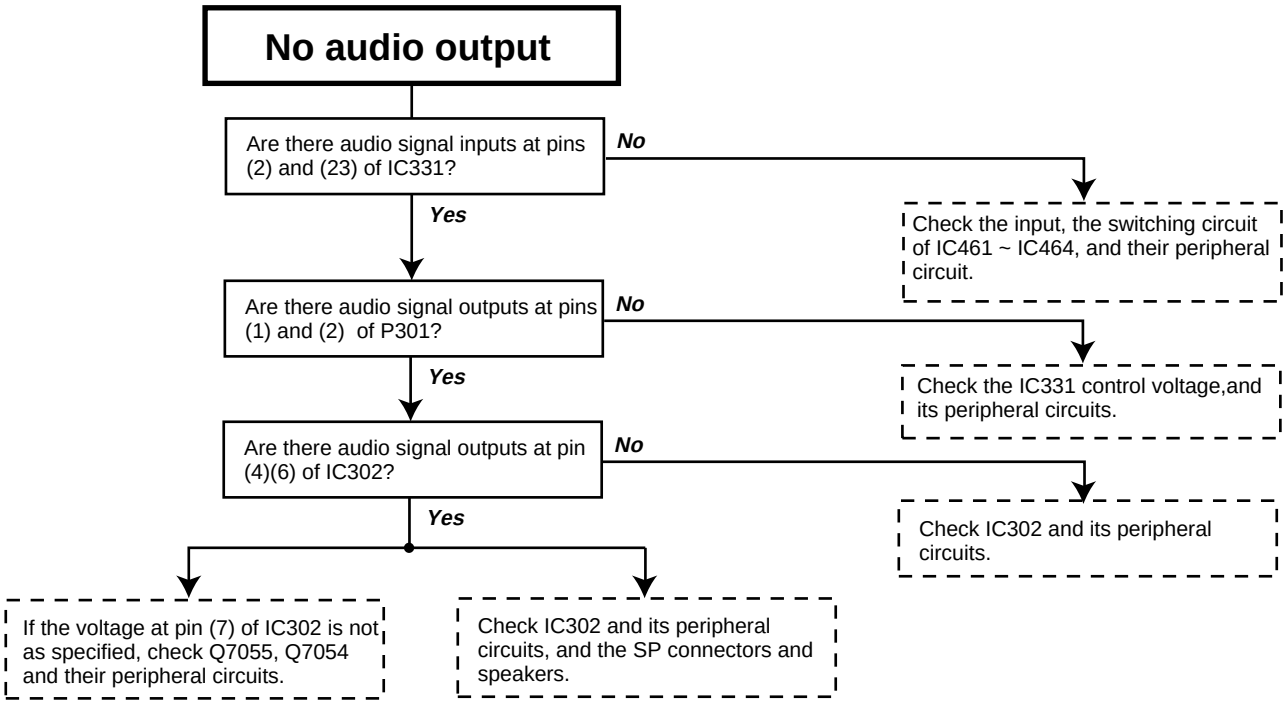
TROUBLE SHOOTING TABLE (Continued)

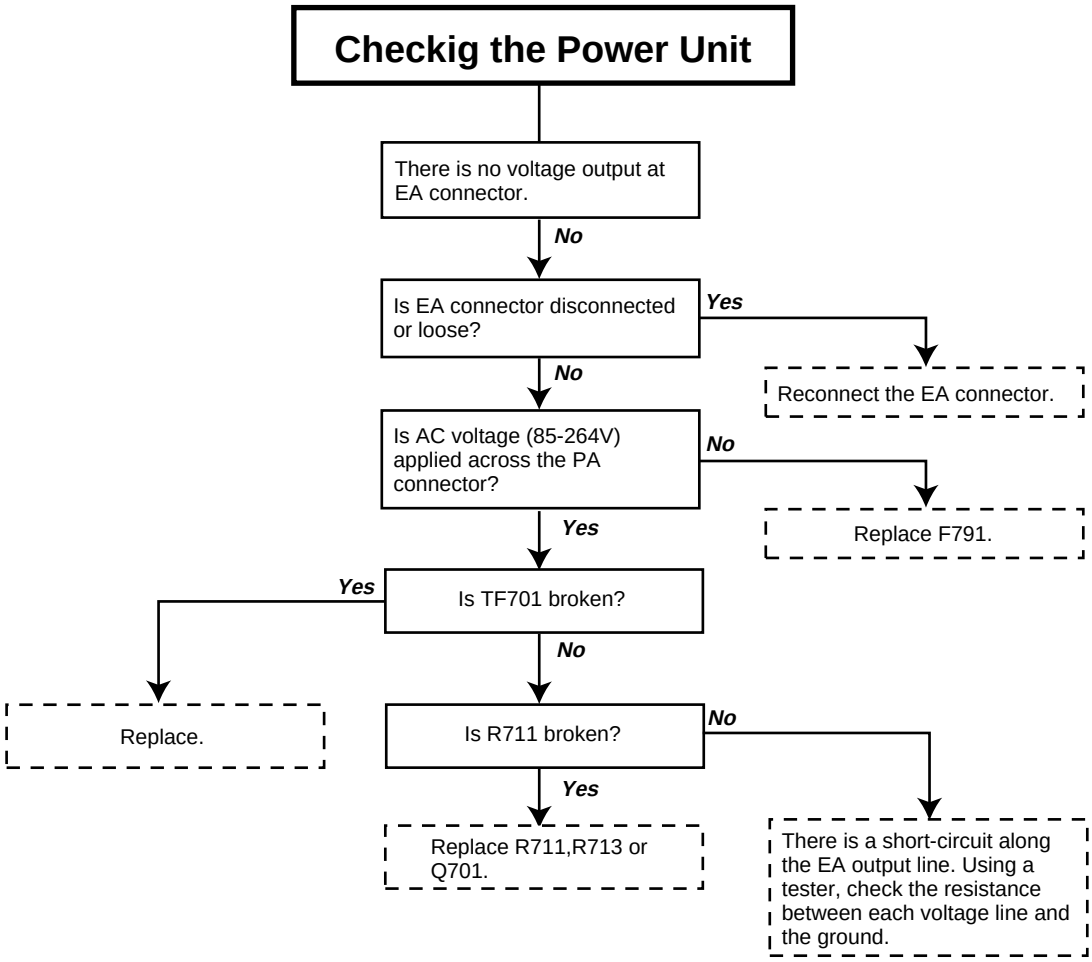

No or unusual Y signal
Is there Y signal input at pin (84) of IC4502?
No
Check IC4502 and its peripheral circuits.
Yes
Is there Y signal output at pin (7) of IC4501?
No
Check IC4501 and its peripheral circuits.
Yes
Is there Y signal output at pin (5) of IC4311?
No
Check IC4311 and its peripheral circuits.
Yes
Check SC4303 and its peripheral circuits.

TROUBLE SHOOTING TABLE (Continued)

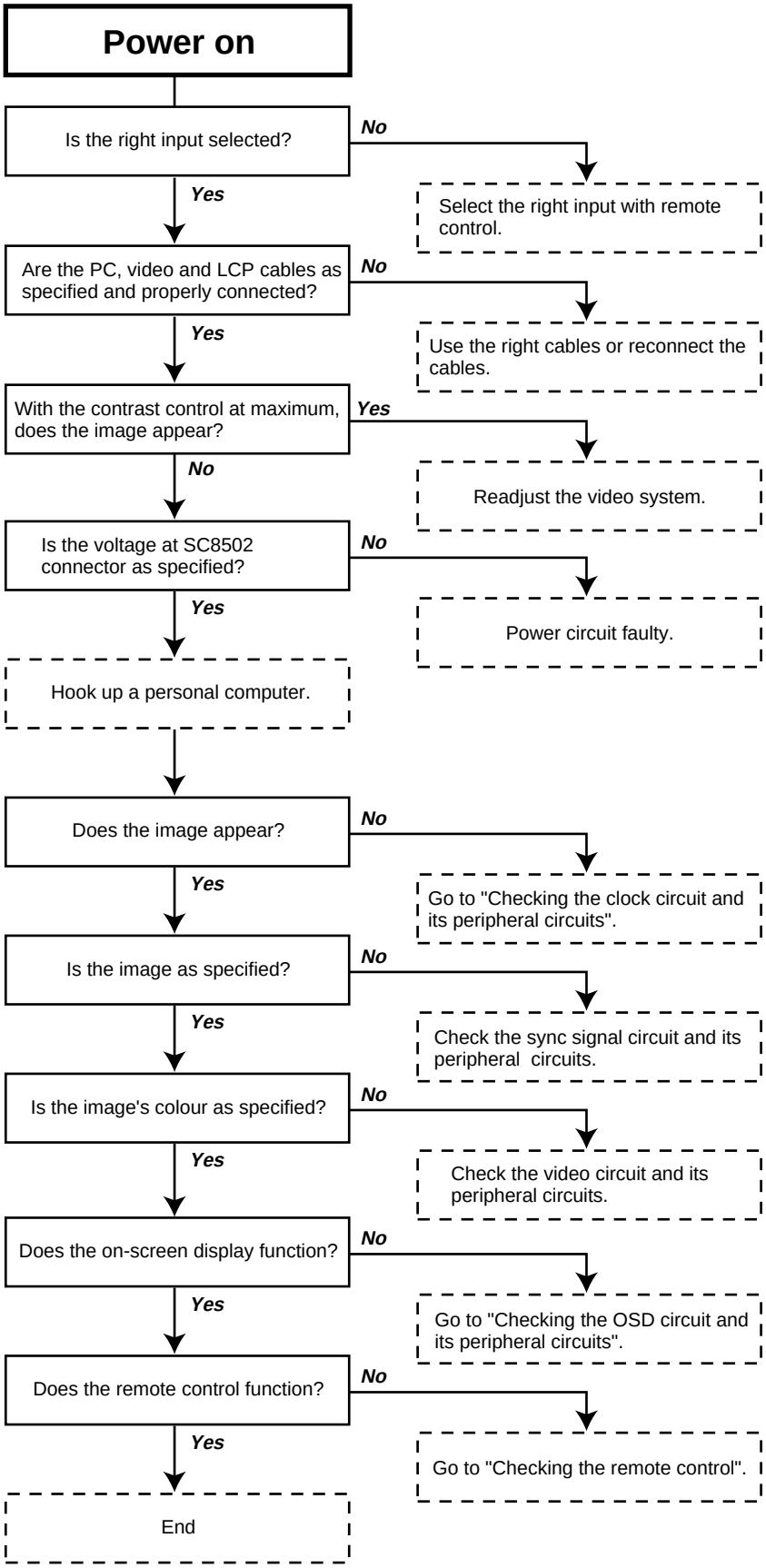

Checking the output PWB unit
Are there signal inputs at SC8405, SC8502, SC8404? Are voltages applied to EA connectors?
No
If there is no signal at P4302, P4303 and P4301, go to "Checking the video system".
No
If there is no signal at EA connector or SC8404, SC8405 and SC8502, go to Checking the power unitblock.
Yes
Are there signal outputs at pins (18) (16) (14) of IC1401?
No
Check IC1401,Q1401,Q1402, Q1403 and their peripheral circuits.
Yes
Are there signal inputs at pin(44) and (47) of IC1101, IC1102, IC1201, IC1202, IC1301 and IC1302?
No
Check IC2102, IC2202, IC2302 and their peripheral circuits.
Yes
Are there signal outputs at pins (17), (19), (21), (28), (30) and (32) of IC1101, IC1102, IC1201, IC1202, IC1301 and IC1302?
No
Check IC1101,IC1201,IC1301 and their peripheral circuits.
Yes
Are there signal inputs at SC1101, SC1201 and SC1301?
No
If there is no signal input at pins (1) and (31) of SC1101, SC1102 and SC1103, check the switching circuit and amplifier circuit of IC1101, IC1201, IC1301, IC1102, IC1202, IC1302 and their peripheral circuits.
Yes
Check the R, G and B panels.
No
If there is no signal input at pins (15) and (30) of SC1101, SC1102 and SC1103, check IC1001, IC1004 and their peripheral circuits.
Check IC1558, IC1559, IC1551~IC1556 and their peripheral circuits.

TROUBLE SHOOTING TABLE (Continued)

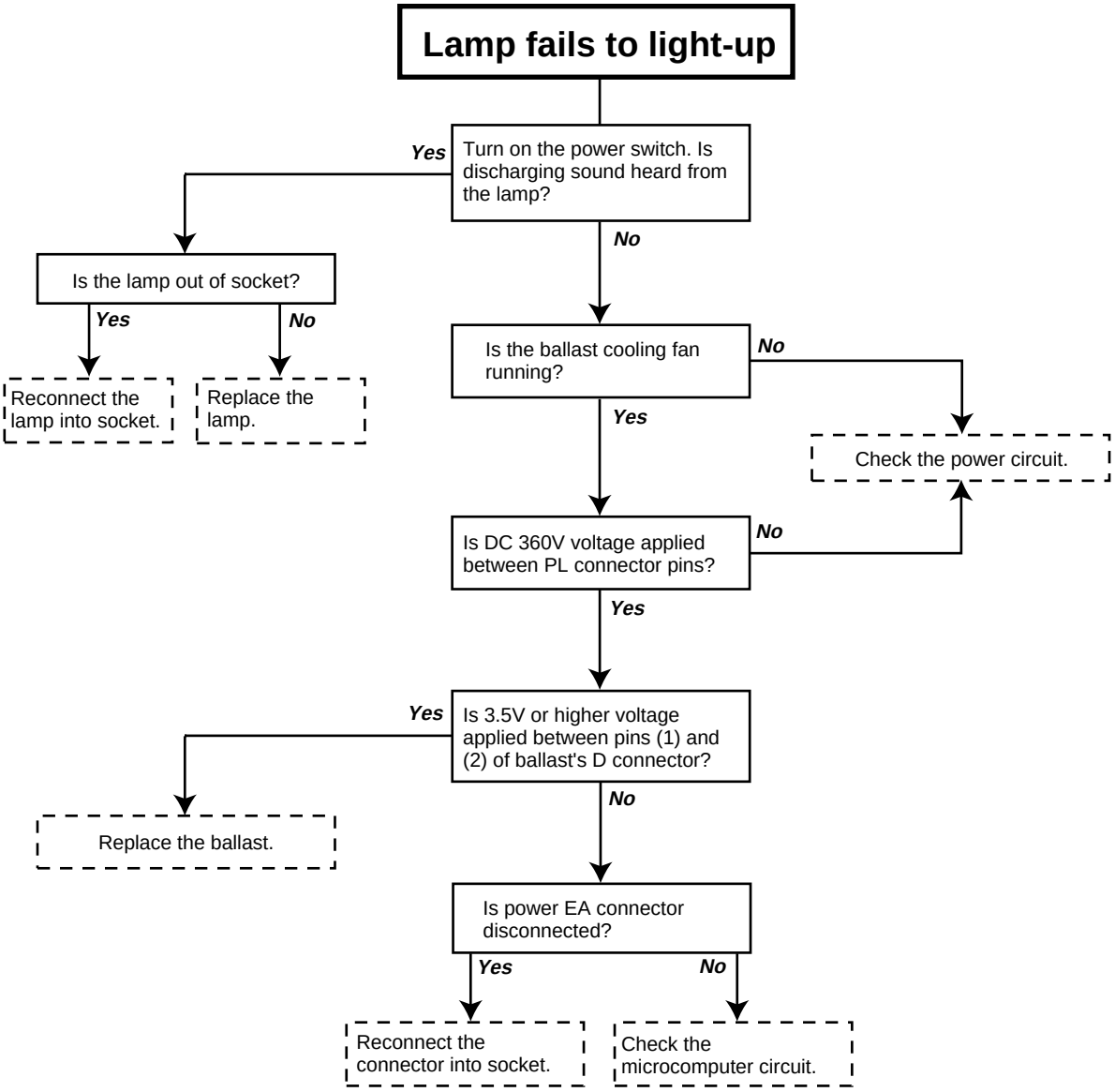

No audio output
Are there audio signal inputs at pins (2) and (23) of IC331?
No
Check the input, the switching circuit of IC461 ~ IC464, and their peripheral circuit.
Yes
Are there audio signal outputs at pins (1) and (2) of P301?
No
Check the IC331 control voltage,and its peripheral circuits.
Yes
Are there audio signal outputs at pin (4)(6) of IC302?
No
Check IC302 and its peripheral circuits.
Yes
If the voltage at pin (7) of IC302 is not as specified, check Q7055, Q7054 and their peripheral circuits.
Check IC302 and its peripheral circuits, and the SP connectors and speakers.



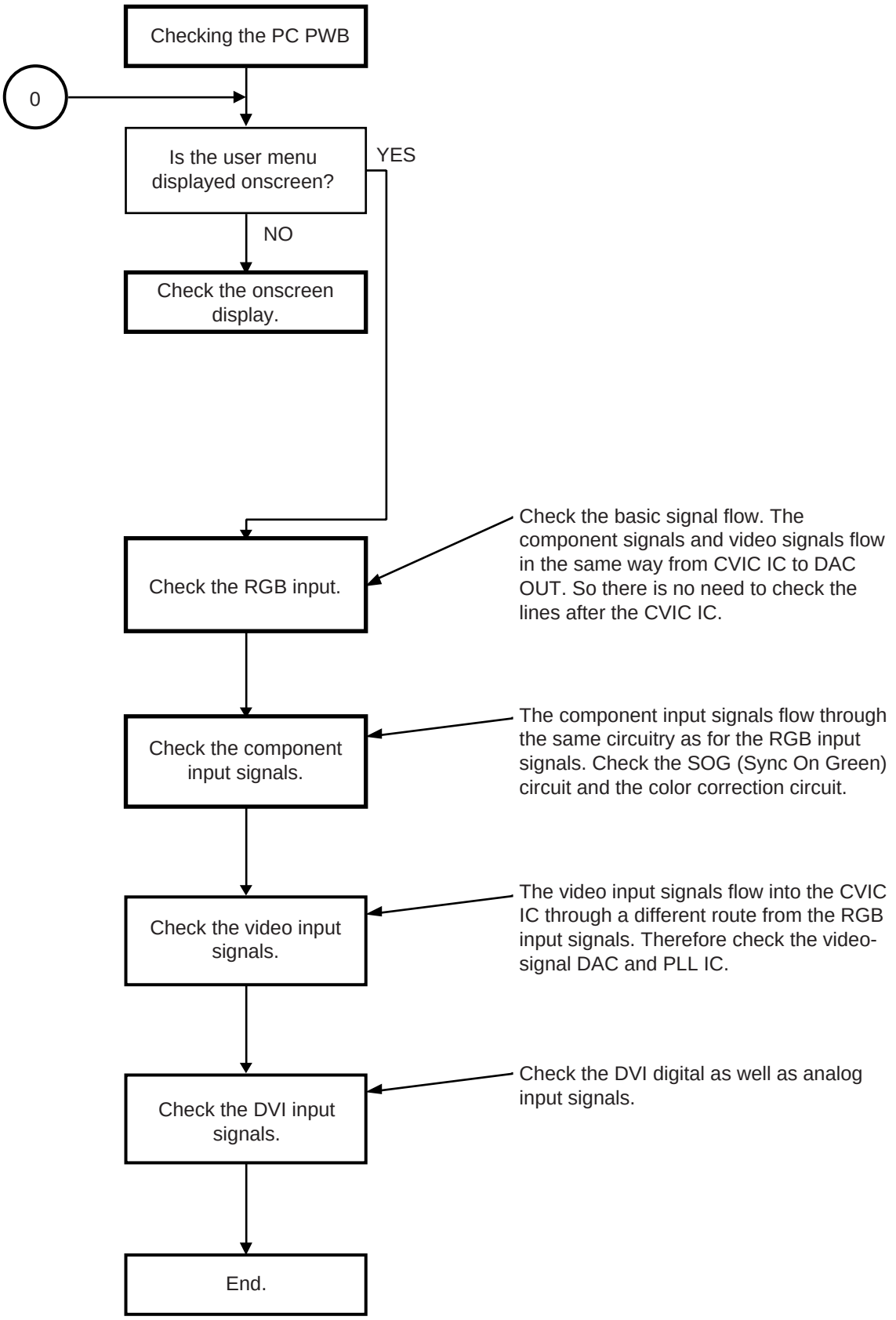
TROUBLE SHOOTING TABLE (Continued)



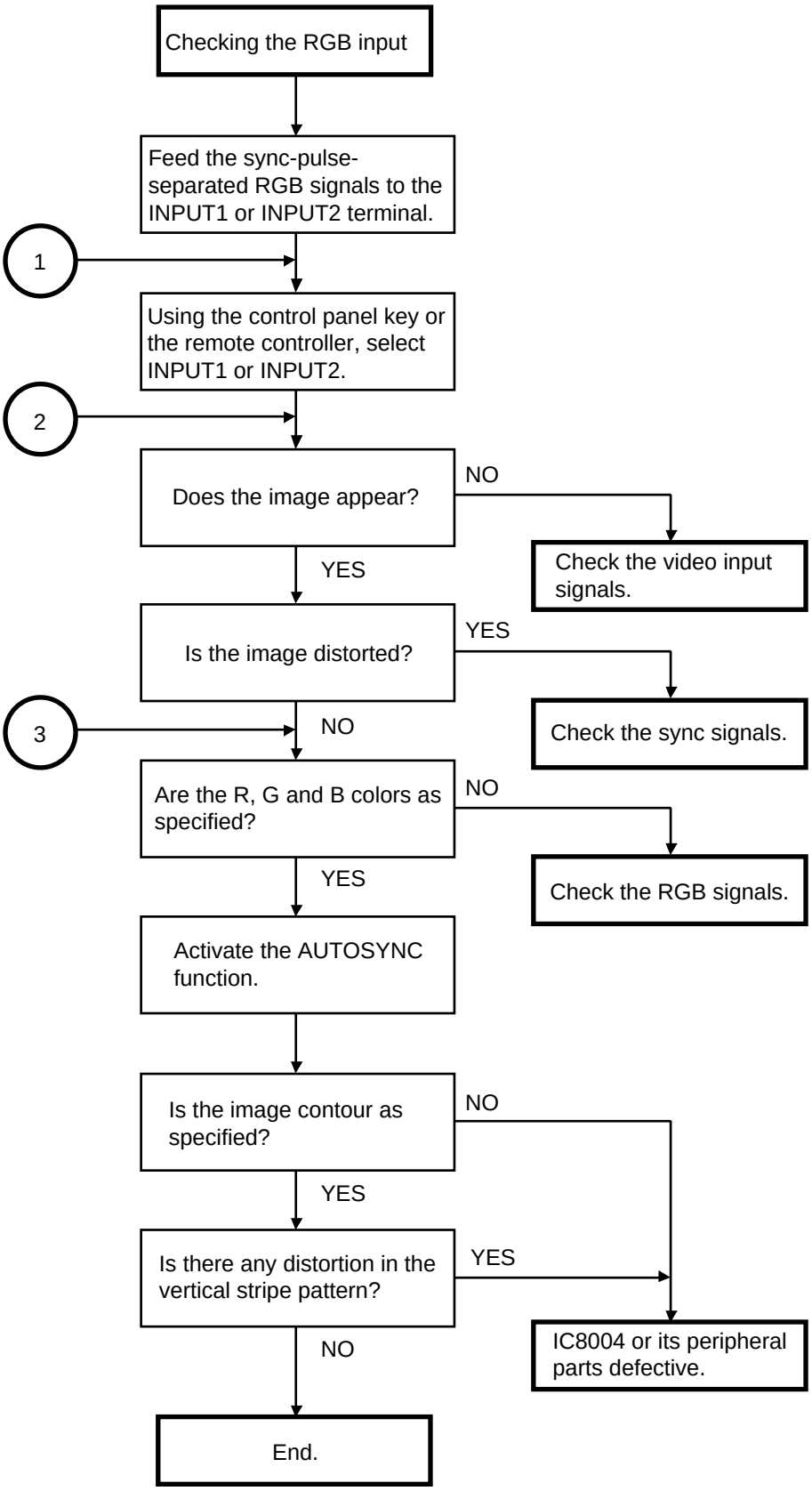
TROUBLE SHOOTING TABLE (Continued)



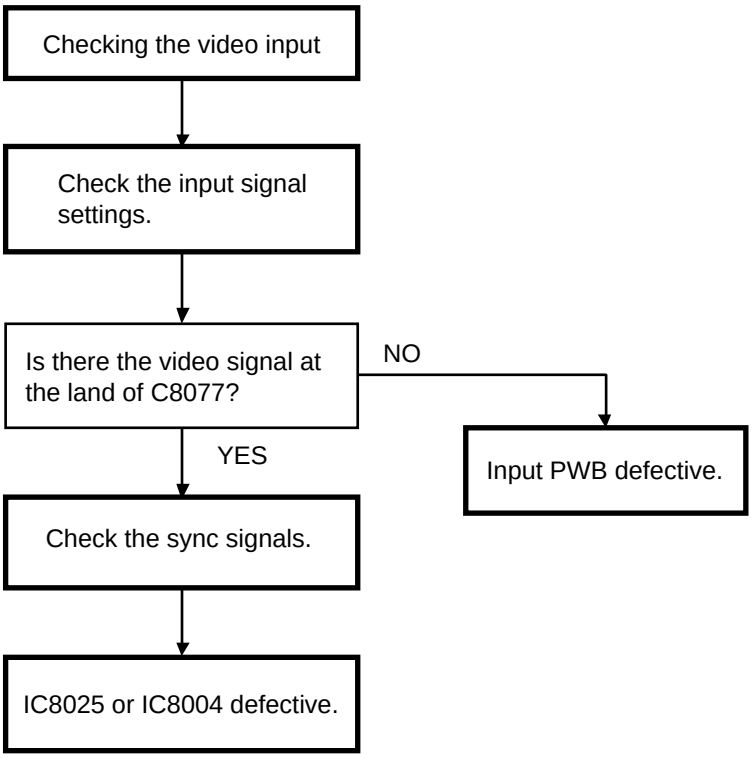
TROUBLE SHOOTING TABLE FOR PC I/F UNIT

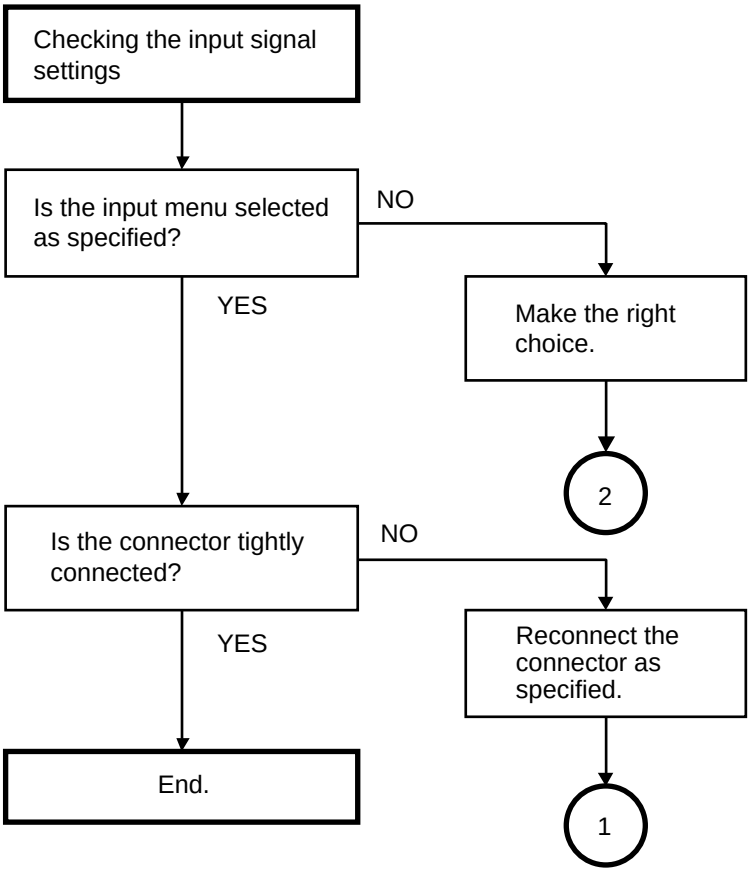

Checking the PC PWB
0
Is the user menu displayed onscreen?
YES
NO
Check the onscreen display.
Check the RGB input.
Check the basic signal flow. The component signals and video signals flow in the same way from CVIC IC to DAC OUT. So there is no need to check the lines after the CVIC IC.
Check the component input signals.
The component input signals flow through the same circuitry as for the RGB input signals. Check the SOG (Sync On Green) circuit and the color correction circuit.
Check the video input signals.
The video input signals flow into the CVIC IC through a different route from the RGB input signals. Therefore check the video-signal DAC and PLL IC.
Check the DVI input signals.
Check the DVI digital as well as analog input signals.
End.

TROUBLE SHOOTING TABLE FOR PC I/F UNIT (Continued)

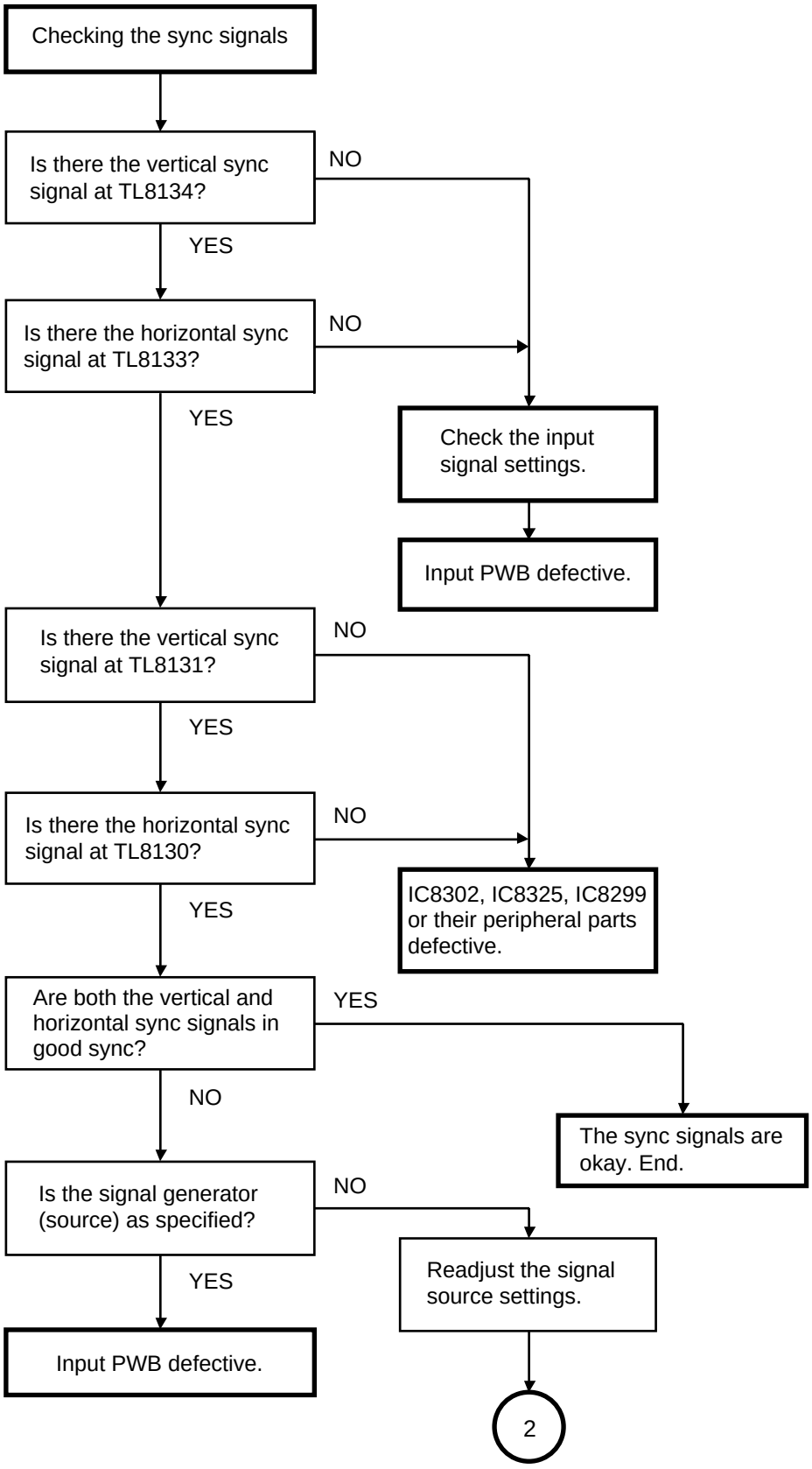


TROUBLE SHOOTING TABLE FOR PC I/F UNIT (Continued)

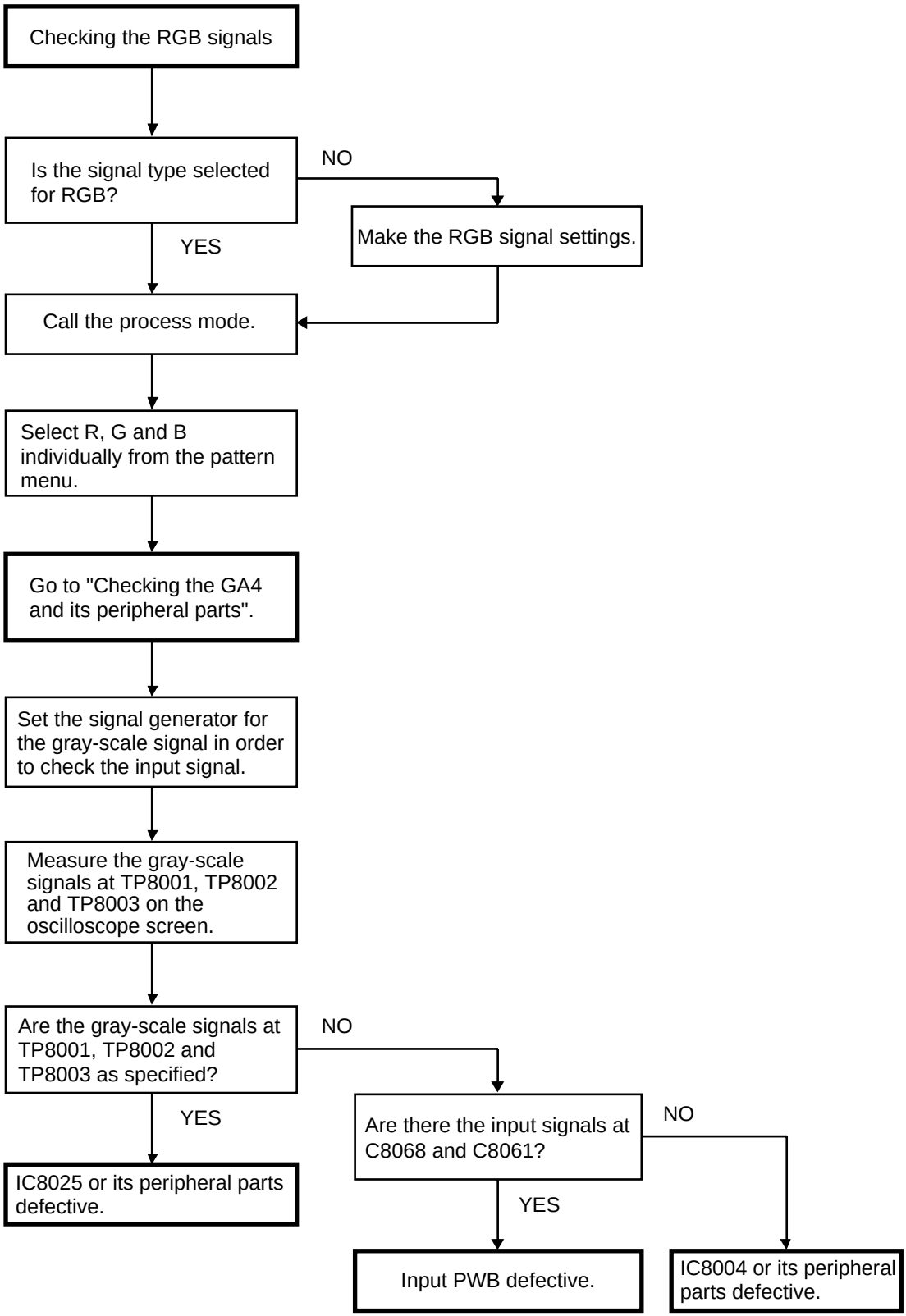

Checking the video input
Check the input signal settings.
Is there the video signal at the land of C8077?
NO
Input PWB defective.
YES
Check the sync signals.
IC8025 or IC8004 defective.



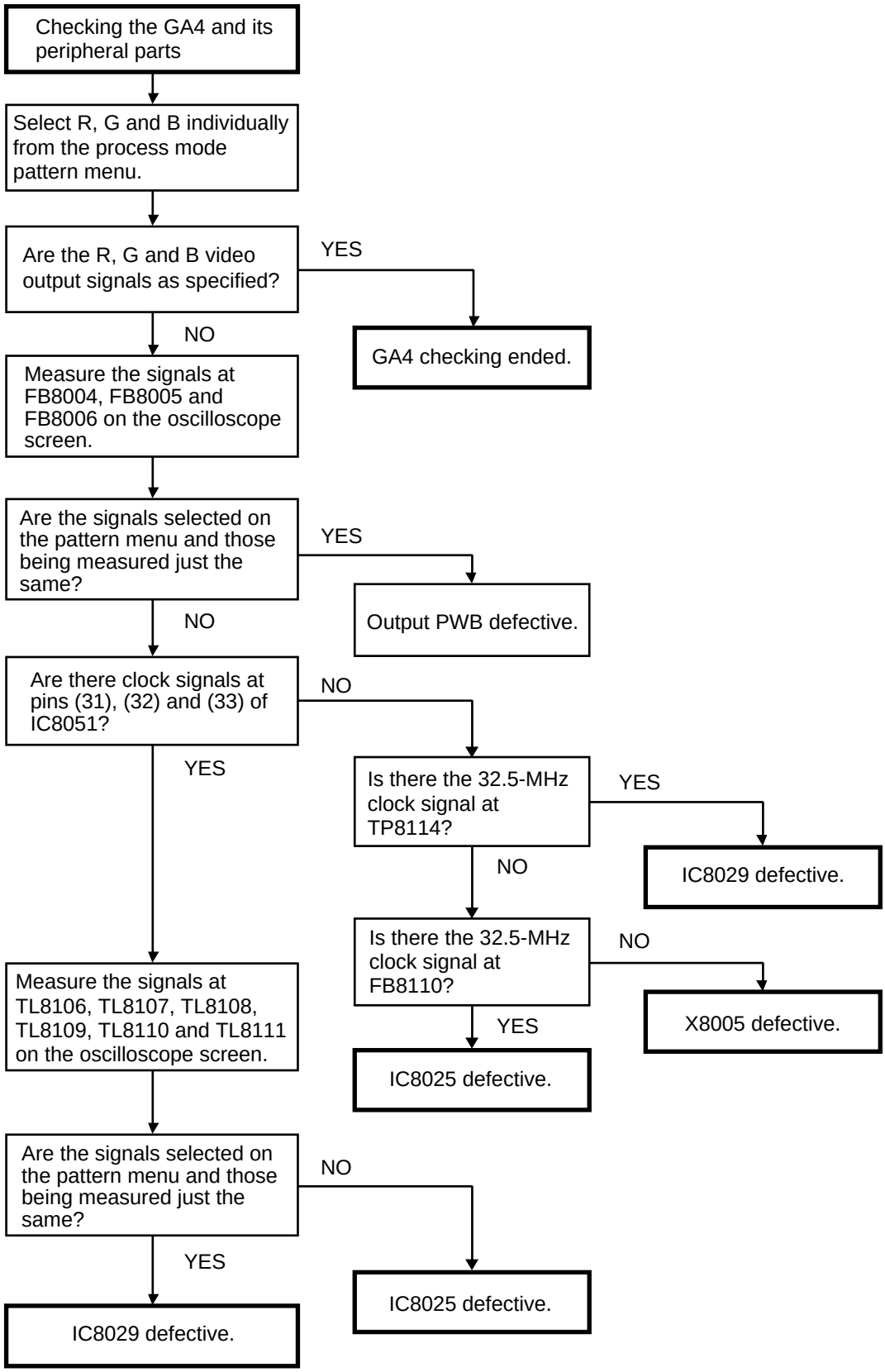
TROUBLE SHOOTING TABLE FOR PC I/F UNIT (Continued)



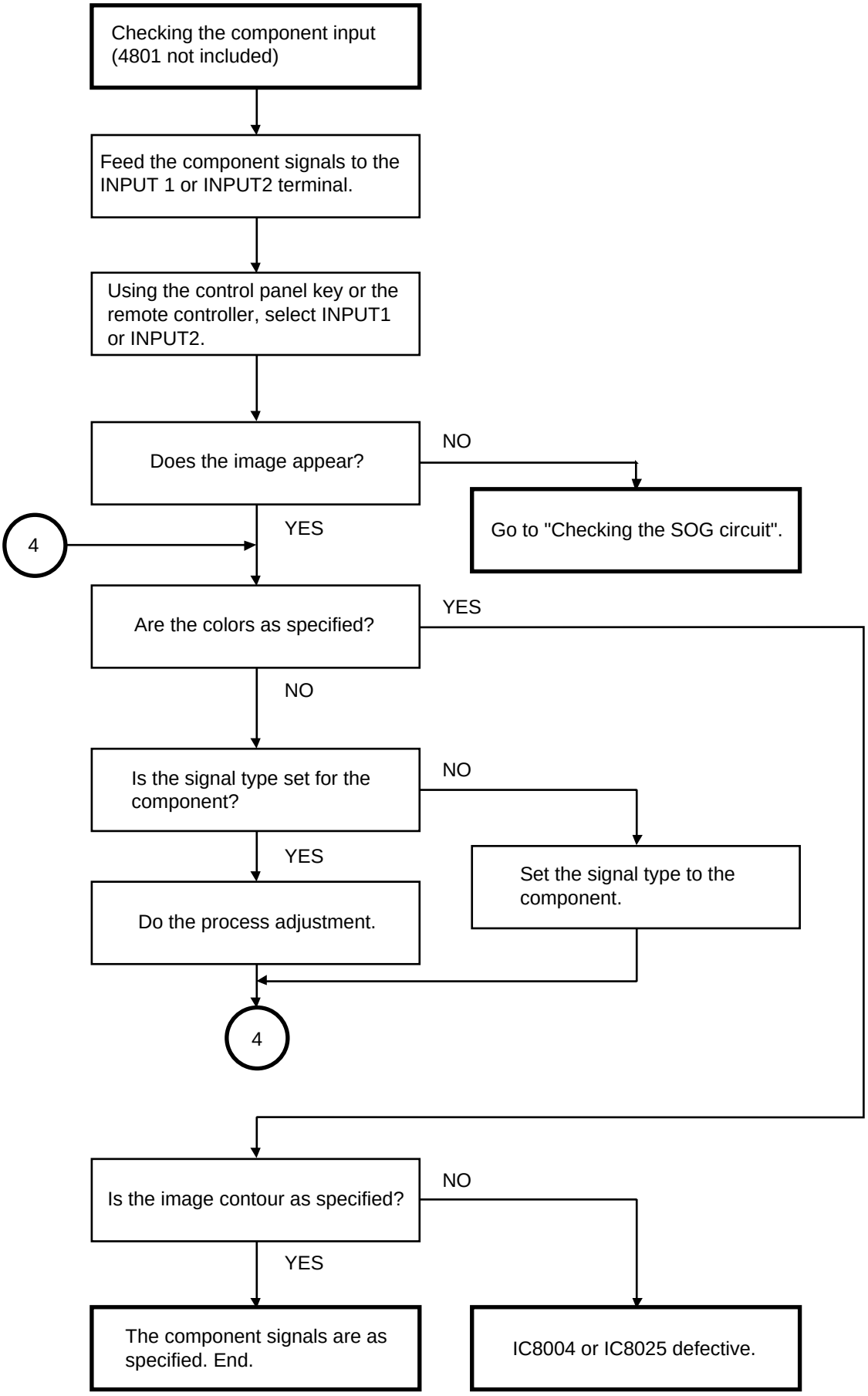
TROUBLE SHOOTING TABLE FOR PC I/F UNIT (Continued)


Checking the RGB signals
Is the signal type selected for RGB?
NO
Make the RGB signal settings.
YES
Call the process mode.
Select R, G and B individually from the pattern menu.
Go to "Checking the GA4 and its peripheral parts".
Set the signal generator for the gray-scale signal in order to check the input signal.
Measure the gray-scale signals at TP8001, TP8002 and TP8003 on the oscilloscope screen.
Are the gray-scale signals at TP8001, TP8002 and TP8003 as specified?
NO
YES
IC8025 or its peripheral parts defective.
Are there the input signals at C8068 and C8061?
NO
YES
Input PWB defective.
IC8004 or its peripheral parts defective.

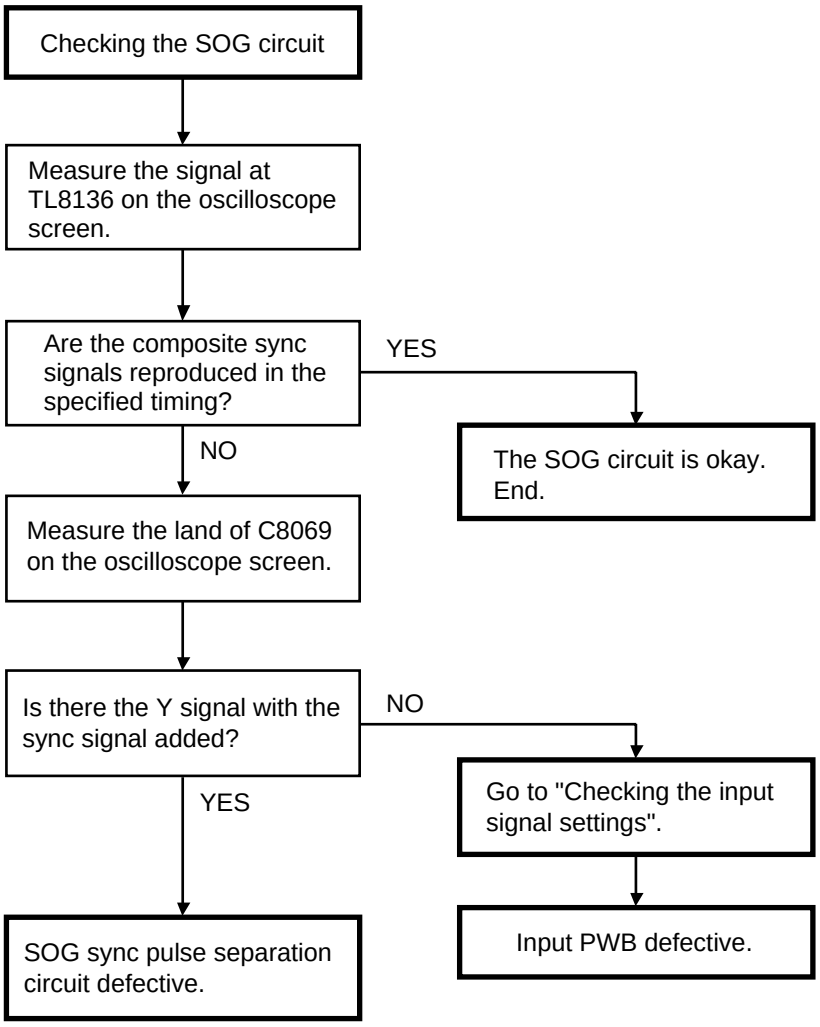
TROUBLE SHOOTING TABLE FOR PC I/F UNIT (Continued)

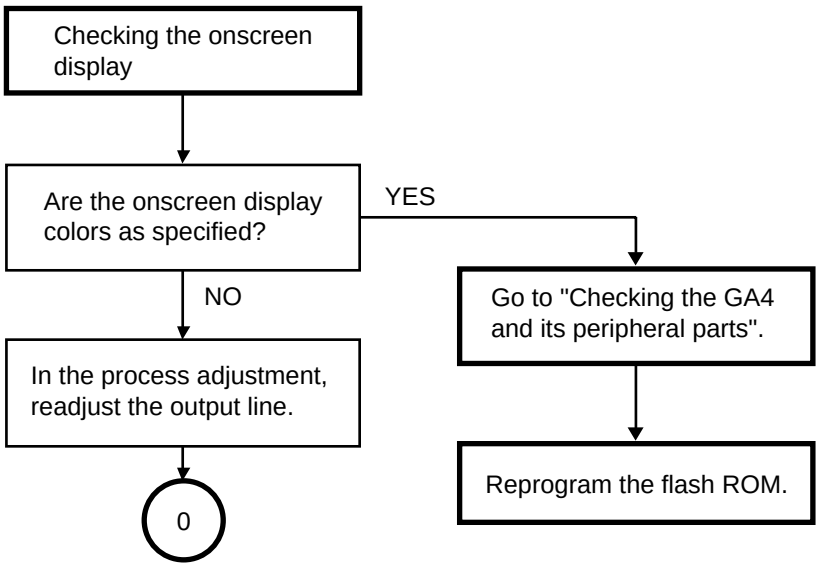

Checking the GA4 and its peripheral parts
Select R, G and B individually from the process mode pattern menu.
Are the R, G and B video output signals as specified?
YES
GA4 checking ended.
NO
Measure the signals at FB8004, FB8005 and FB8006 on the oscilloscope screen.
Are the signals selected on the pattern menu and those being measured just the same?
YES
Output PWB defective.
NO
Are there clock signals at pins (31), (32) and (33) of IC8051?
NO
Is there the 32.5-MHz clock signal at TP8114?
YES
IC8029 defective.
NO
Is there the 32.5-MHz clock signal at FB8110?
NO
X8005 defective.
YES
IC8025 defective.
YES
Measure the signals at TL8106, TL8107, TL8108, TL8109, TL8110 and TL8111 on the oscilloscope screen.
Are the signals selected on the pattern menu and those being measured just the same?
NO
IC8025 defective.
YES
IC8029 defective.

TROUBLE SHOOTING TABLE FOR PC I/F UNIT (Continued)

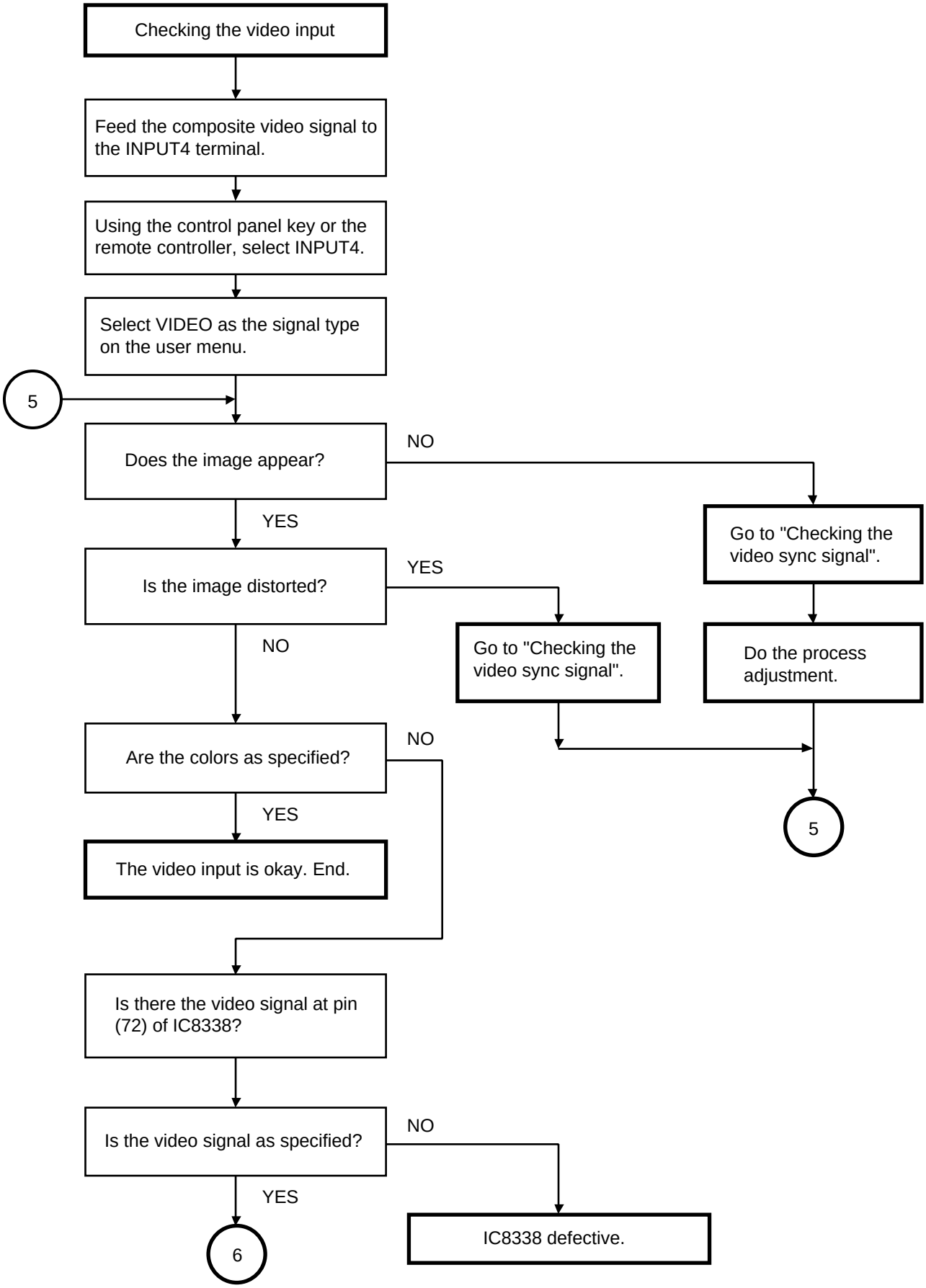

Checking the component input (4801 not included)
Feed the component signals to the INPUT 1 or INPUT2 terminal.
Using the control panel key or the remote controller, select INPUT1 or INPUT2.
Does the image appear?
NO
Go to "Checking the SOG circuit".
YES
4
Are the colors as specified?
YES
NO
Is the signal type set for the component?
NO
YES
Set the signal type to the component.
Do the process adjustment.
4
Is the image contour as specified?
NO
YES
The component signals are as specified. End.
IC8004 or IC8025 defective.

TROUBLE SHOOTING TABLE FOR PC I/F UNIT (Continued)

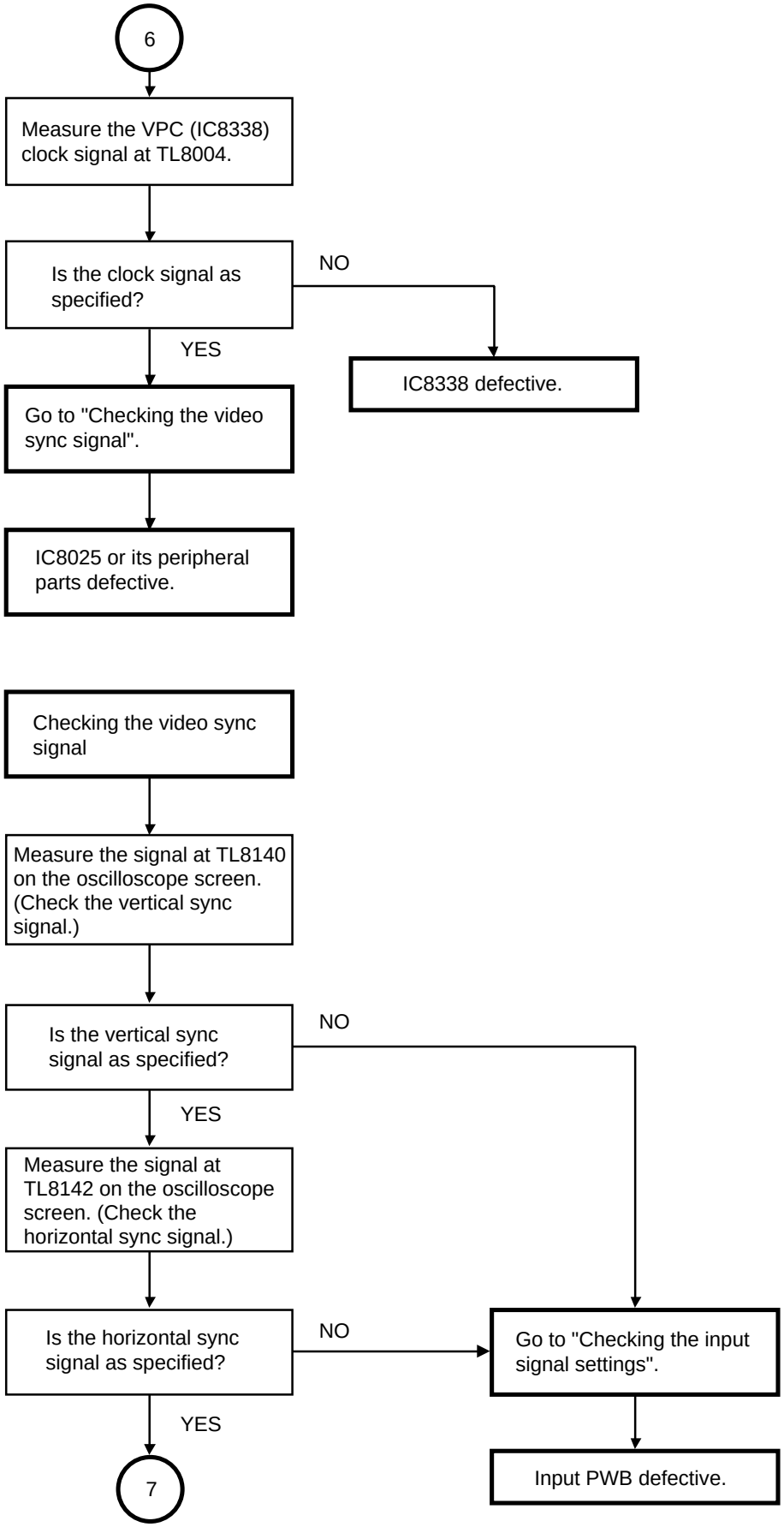

Checking the SOG circuit
Measure the signal at TL8136 on the oscilloscope screen.
Are the composite sync signals reproduced in the specified timing?
YES
The SOG circuit is okay. End.
NO
Measure the land of C8069 on the oscilloscope screen.
Is there the Y signal with the sync signal added?
NO
Go to "Checking the input signal settings".
Input PWB defective.
YES
SOG sync pulse separation circuit defective.


Checking the onscreen display
Are the onscreen display colors as specified?
YES
Go to "Checking the GA4 and its peripheral parts".
NO
In the process adjustment, readjust the output line.
Reprogram the flash ROM.
0

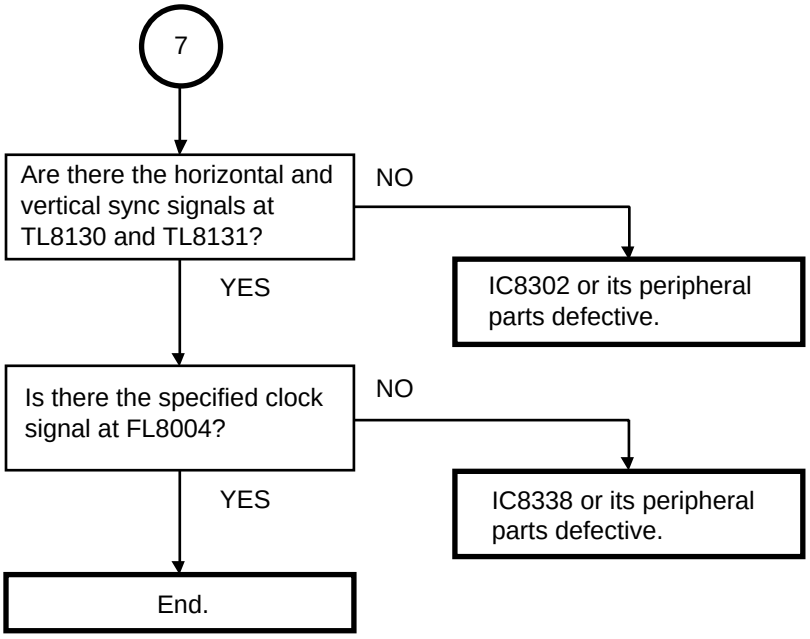
TROUBLE SHOOTING TABLE FOR PC I/F UNIT (Continued)


Checking the video input
Feed the composite video signal to the INPUT4 terminal.
Using the control panel key or the remote controller, select INPUT4.
Select VIDEO as the signal type on the user menu.
5
Does the image appear?
NO
YES
Go to "Checking the video sync signal".
Is the image distorted?
YES
NO
Go to "Checking the video sync signal".
Do the process adjustment.
Are the colors as specified?
NO
YES
5
The video input is okay. End.
Is there the video signal at pin (72) of IC8338?
Is the video signal as specified?
NO
YES
6
IC8338 defective.

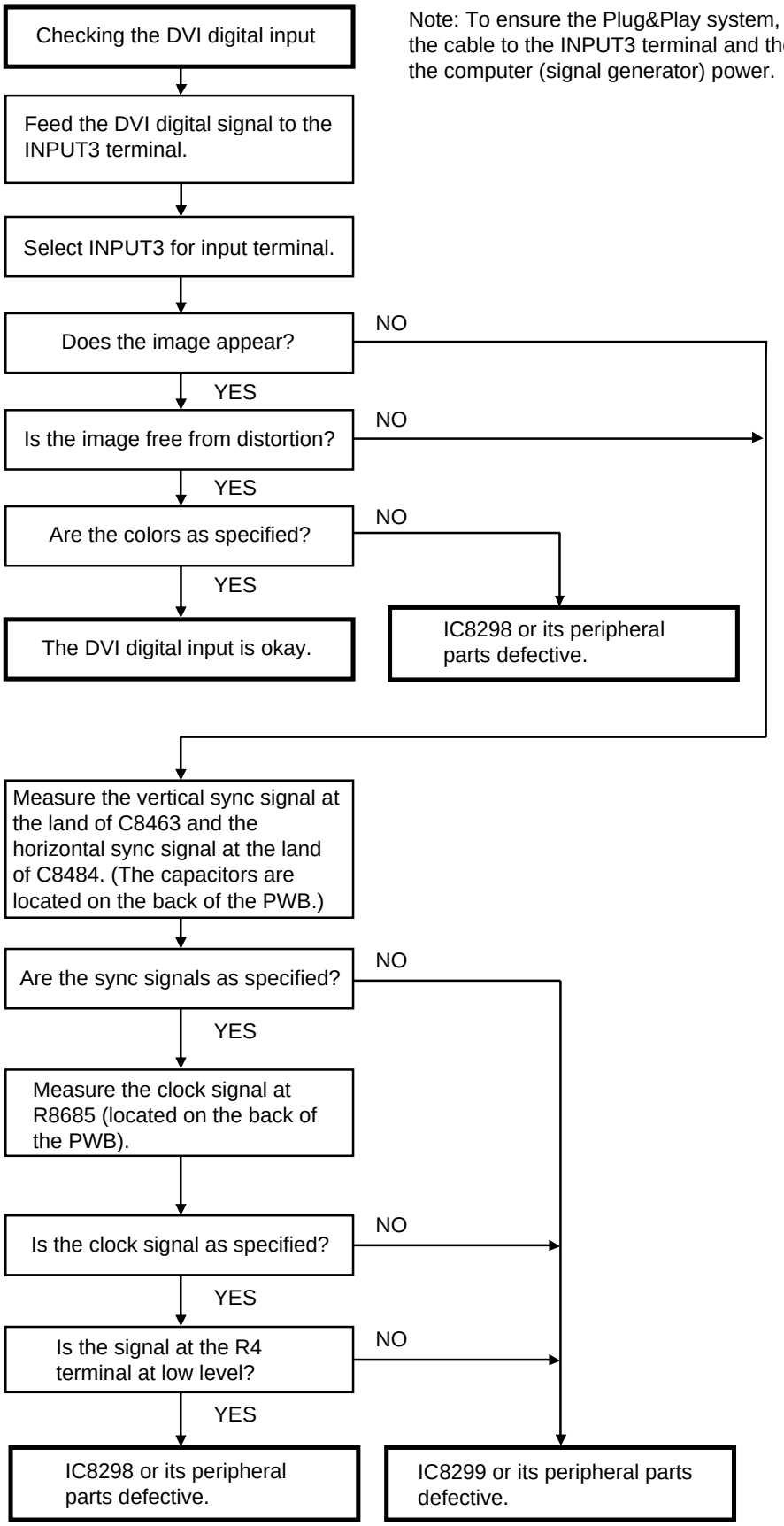
TROUBLE SHOOTING TABLE FOR PC I/F UNIT (Continued)


6
Measure the VPC (IC8338) clock signal at TL8004.
Is the clock signal as specified?
NO
YES
IC8338 defective.
Go to "Checking the video sync signal".
IC8025 or its peripheral parts defective.
Checking the video sync signal
Measure the signal at TL8140 on the oscilloscope screen. (Check the vertical sync signal.)
Is the vertical sync signal as specified?
NO
YES
Measure the signal at TL8142 on the oscilloscope screen. (Check the horizontal sync signal.)
Is the horizontal sync signal as specified?
NO
YES
Go to "Checking the input signal settings".
Input PWB defective.
7

TROUBLE SHOOTING TABLE FOR PC I/F UNIT (Continued)

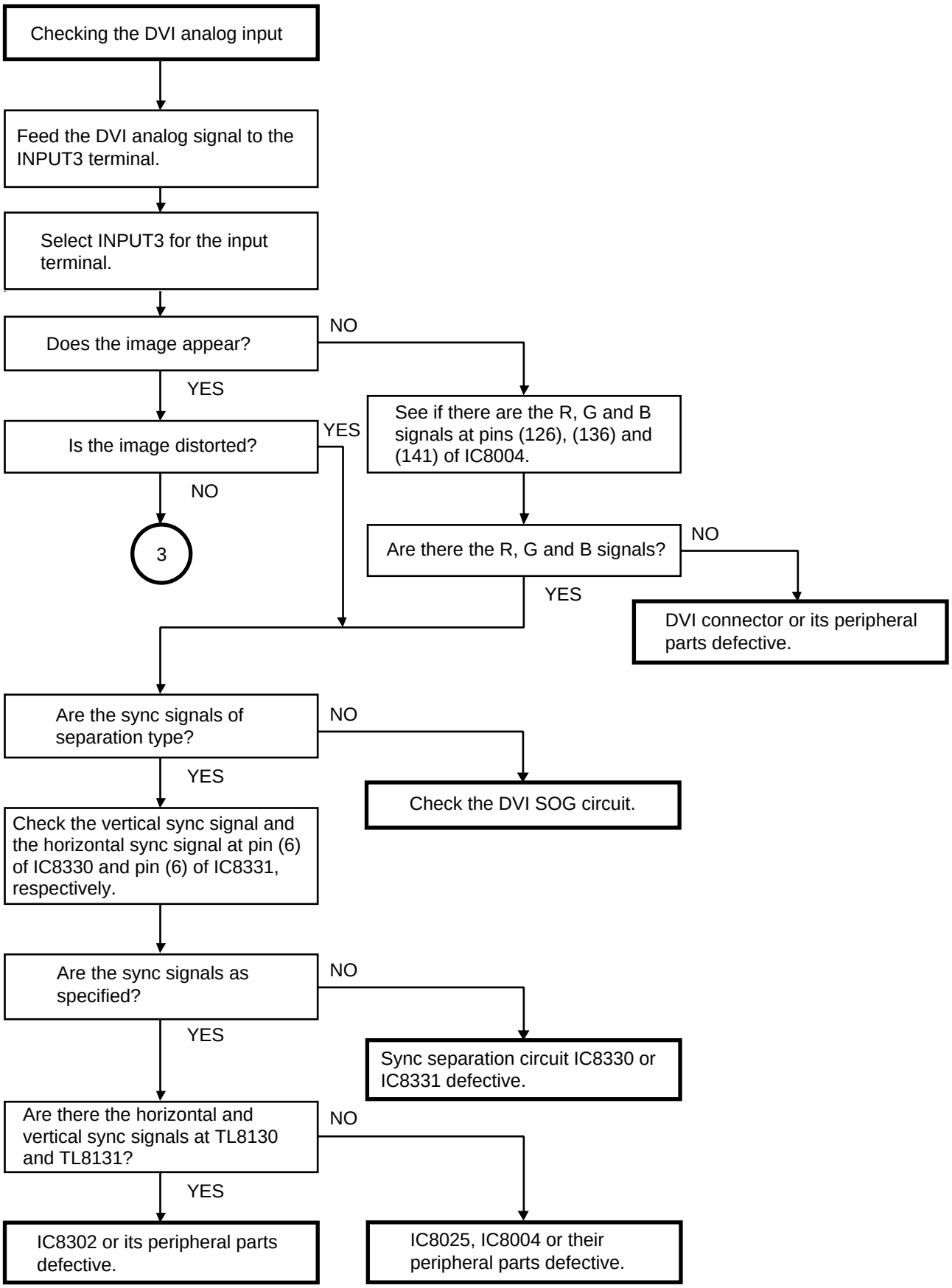


TROUBLE SHOOTING TABLE FOR PC I/F UNIT (Continued)

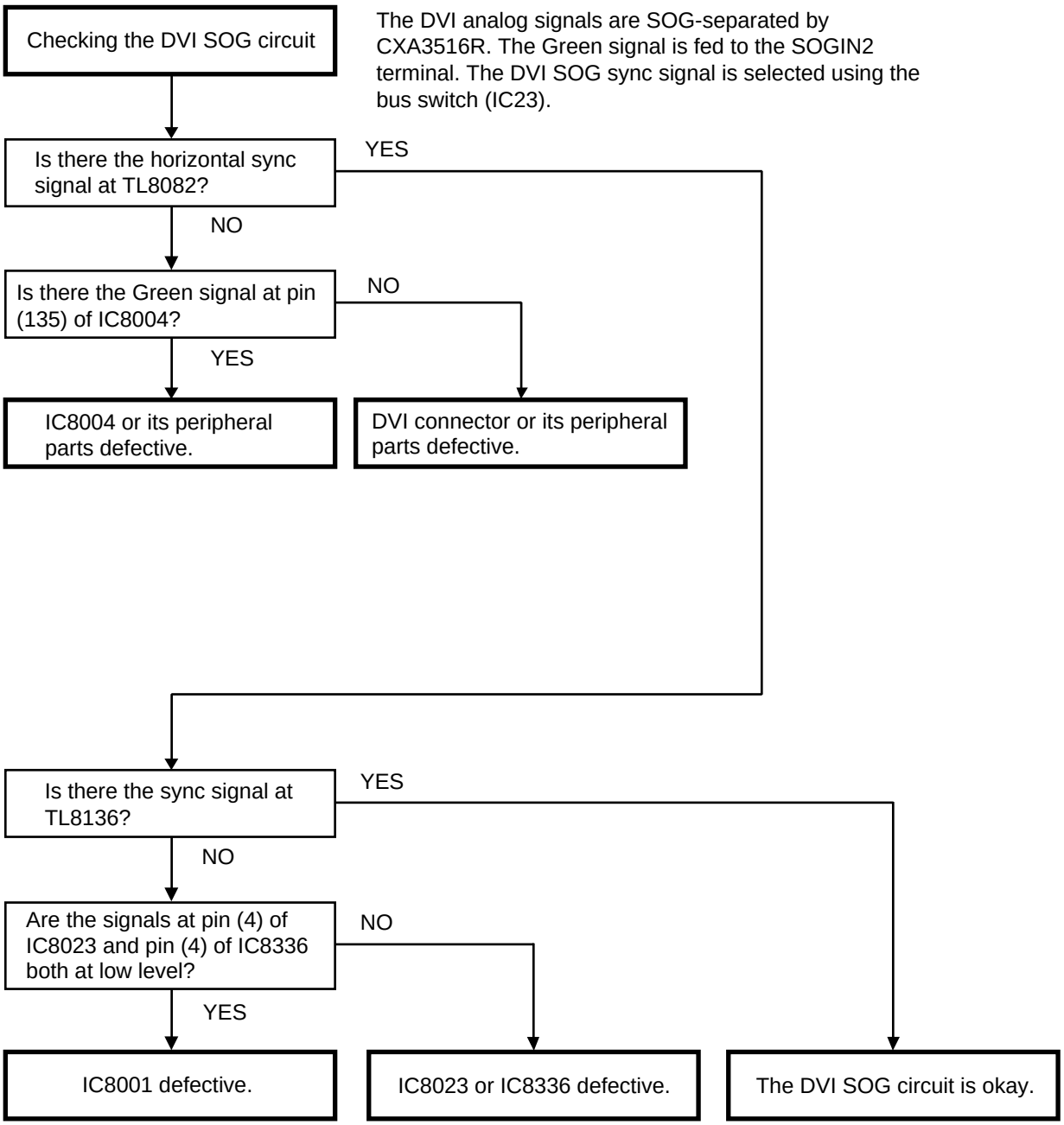

Checking the DVI digital input
Feed the DVI digital signal to the INPUT3 terminal.
Select INPUT3 for input terminal.
Does the image appear?
NO
YES
Is the image free from distortion?
NO
YES
Are the colors as specified?
NO
YES
The DVI digital input is okay.
IC8298 or its peripheral parts defective.
Measure the vertical sync signal at the land of C8463 and the horizontal sync signal at the land of C8484. (The capacitors are located on the back of the PWB.)
Are the sync signals as specified?
NO
YES
Measure the clock signal at R8685 (located on the back of the PWB).
Is the clock signal as specified?
NO
YES
Is the signal at the R4 terminal at low level?
NO
YES
IC8298 or its peripheral parts defective.
IC8299 or its peripheral parts defective.

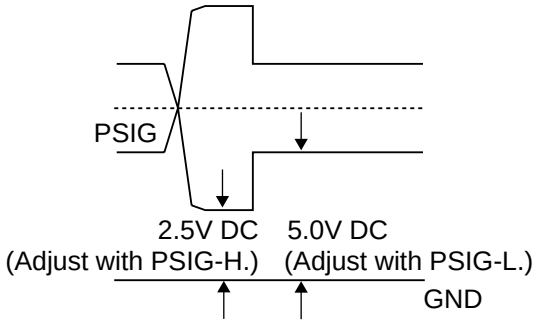
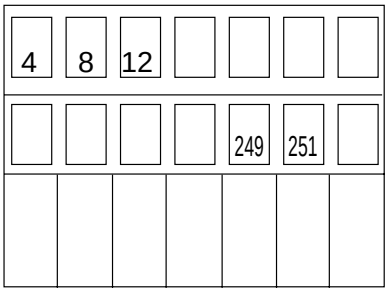
Note: To ensure the Plug&Play system, first connect the cable to the INPUT3 terminal and then turn on the computer (signal generator) power.

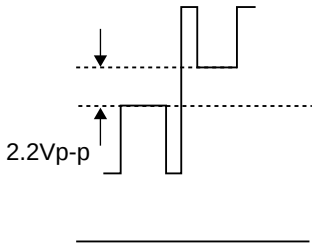
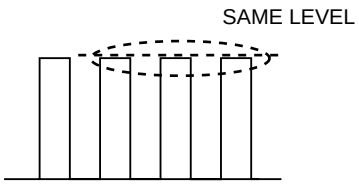
TROUBLE SHOOTING TABLE FOR PC I/F UNIT (Continued)

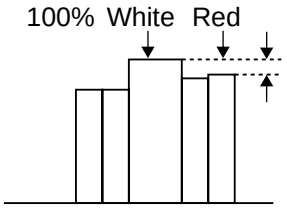
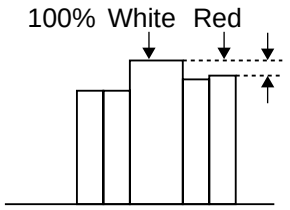
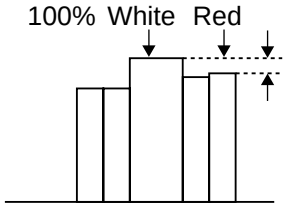
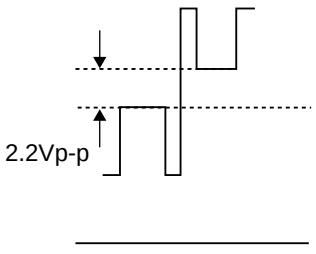

Checking the DVI analog input
Feed the DVI analog signal to the INPUT3 terminal.
Select INPUT3 for the input terminal.
Does the image appear?
NO
YES
Is the image distorted?
YES
NO
3
See if there are the R, G and B signals at pins (126), (136) and (141) of IC8004.
Are there the R, G and B signals?
NO
YES
DVI connector or its peripheral parts defective.
Are the sync signals of separation type?
NO
YES
Check the DVI SOG circuit.
Check the vertical sync signal and the horizontal sync signal at pin (6) of IC8330 and pin (6) of IC8331, respectively.
Are the sync signals as specified?
NO
YES
Sync separation circuit IC8330 or IC8331 defective.
Are there the horizontal and vertical sync signals at TL8130 and TL8131?
NO
YES
IC8302 or its peripheral parts defective.
IC8025, IC8004 or their peripheral parts defective.

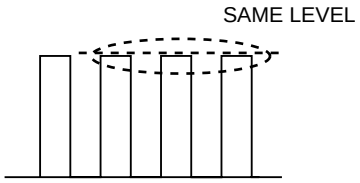
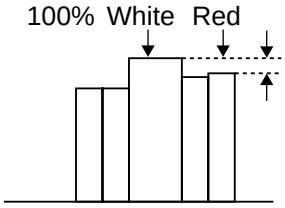
TROUBLE SHOOTING TABLE FOR PC I/F UNIT (Continued)


Checking the DVI SOG circuit
The DVI analog signals are SOG-separated by CXA3516R. The Green signal is fed to the SOGIN2 terminal. The DVI SOG sync signal is selected using the bus switch (IC23).
Is there the horizontal sync signal at TL8082?
YES
NO
Is there the Green signal at pin (135) of IC8004?
NO
YES
IC8004 or its peripheral parts defective.
DVI connector or its peripheral parts defective.
Is there the sync signal at TL8136?
YES
NO
Are the signals at pin (4) of IC8023 and pin (4) of IC8336 both at low level?
NO
YES
IC8001 defective.
IC8023 or IC8336 defective.
The DVI SOG circuit is okay.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
6	**P SIGNAL**	1. Connect the oscilloscope to TP1102 for red. 2. Make the following choice: Group : OUTPUT 2 Subject : PSIG-H : PSIG-L	● Adjust the PSIG waveform to the one shown below.  ● For the green and blue colors, make sure their waveforms are similar to that of the red color.
7	**Sample-and-hold pulse phase** **RCK-PHASE** **GCK-PHASE** **BCK-PHASE**	1. Feed the XGA mode 75-Hz black signal. 2. Make the following choice: Group : OUTPUT 3 Subject : SH-PHASE (Have the standard level at 8.) Fix the GCK-PHASE settings all to 8.	● Using the control switches or the remote controller buttons, make sure that the “OUTPUT 3” characters are not blurry and there is no ghost image. If such blur or ghost occurs, finely adjust the setting in the range of 7~9.
8	**RGB counter-voltage adjustment**	1. Feed the black-and-red (25%) stripe signal (XGA). 2. Make the following choice: Group : OUTPUT 3 Subject : RC (R) : BC (B) : GC (G)	● Using the control switches or the remote controller buttons, adjust the data in order to minimize the flicker. ● Make the same adjustment for BC (B) and GC (G). ● See if the image is equally adjusted at the center and both sides of the screen. If not, readjust the setting to have the image equal at right and left.
9	**RGB gradation regeneration adjustment**	1. Feed the INFO COM. gray scale and color bar pattern. 2. Make the following choice: Group : OUTPUT 1 Subject : G1-BLK	● Make sure that scale (white side) to No.251 and scale (black side) to No.8 can be seen. ● If white scale can't be seen properly, readjust with G1-BLK. 

No.	Adjusting point	Adjusting conditions	Adjusting procedure
10	**RGB white balance**	1. Feed the 32-step gray scale signal (XGA 60Hz). Group : OUTPUT 1 Subject : R1-BLK (R) R1-GAIN(R) B1-BLK (B) B1-GAIN(B)	● Adjust the R1-BLK and B1-BLK data for the black balance on the gray scale. Then adjust the R1-GAIN and B1-GAIN data for the center-to-white balance on the gray scale. (Adjust to the best point.)
11	**Horizontal center**	1. Feed the NTSC monoscope pattern signal. 2. Group : VIDEO 1 Subject : NTSC-H	● Using the control switches or the remote controller buttons, adjust the data to have the same overscan.
12	**Video brightness adjustment**	1. Feed the baseband (0 step gray scale :0% Black to 100% White) signal. Group : VIDEO 1 Subject : BRIGHT 2. Press the control switch or the remote control's mute button (to set the gamma correction to the process setting).	● Using the control switches or the remote controller buttons, adjust the setting until the black signal (0%) becomes bit-less.
13	**Video picture adjustment**	1. Feed the split color bar signal. Group : VIDEO 1 Subject : PICTURE 2. Connect the oscilloscope between pin TP1201and GND.	● Using the control switches or the remote controller buttons, adjust the white to white (100%) level difference to 2.2 ± 0.05 Vp-p. 
14	**Tint**	1. Feed the split color bar signal. Group : VIDEO 1 Subject : TINT 2. Connect the oscilloscope to TP1301.	● Using the control switches or the remote controller buttons. Adjust the setting so that the points indicated in the waveform figure are at the same level. 

No.	Adjusting point	Adjusting conditions	Adjusting procedure
15	**NTSC color saturation level**	1. Feed the split color bar signal. Group : VIDEO 1 Subject : N-COLOR 2. Connect the oscilloscope to TP1101.	● Using the control switches or the remote controller buttons, adjust the difference between the 100% white portion and the red portion to 0.25 ±0.02 Vp-p. (same as 100% white) 
16	**PAL color saturation level**	1. Feed the PAL color bar signal. Group : VIDEO 1 Subject : P-COLOR 2. Connect the oscilloscope to TP1101.	● Using the control switches or the remote controller buttons, adjust the difference between the 100% white portion and the red portion to 0.3 ±0.02 Vp-p. 
17	**SECAM color saturation level**	1. Feed the SECAM color bar signal. Group : VIDEO 1 Subject : S-COLOR 2. Connect the oscilloscope to TP1101.	● Using the control switches or the remote controller buttons, adjust the data to have a level difference of 0.3 ±0.02 Vp-p between the 100% white portion and the red portion. 
18	**Video white balance**	1. Feed the NTSC monoscope pattern signal Group : VIDEO 2 Subject : R1-BLK B1-BLK	● Using the control switches or the remote controller buttons, adjust so that the entire screen looks evenly colorless.
19	**DVD Contrast**	1. Feed the color bar signal of the 480I component signal to the BNC G(Y) input terminal. 2. Select the following subject. Group : DVD Subject : CONTRAST	● Using the control switches or the remote controller buttons, adjust the white to white (100%) level difference to 2.2 ± 0.05v p-p. 

No.	Adjusting point	Adjusting conditions	Adjusting procedure
20	**DVD Brighthess**	1. Feed the color bar signal of the 480I component signal to the BNC G(Y) input terminal. 2. Select the following subject. Group : DVD Subject : CONTRAST	● Using the control switches or the remote controller buttons, adjust the setting until the black signal(0%) becomes bit-less.
21	**DVD Tint**	1. Feed the color bar signal of the 480I component signal to the BNC Y, Pb and Pr input terminals. Feed the sync signal only for the Y signal. 2. Select the following subject. Group : DVD Subject : TINT 3. Connect the oscilloscope to TP1301.	● Using the control switches or the remote controller buttons. Adjust the setting so that the points indicated in the waveform figure are at the same level. 
22	**DVD Color**	1. Feed the color bar signal of the 480I component signal to the BNC G(Y) input terminal. 2. Select the following subject. Group : DVD Subject : COLOR 3. Connect the oscilloscope to TP1101.	● Adjust the level difference between the 100% white and red portions to 0.3 ±0.02 Vp-p. 
23	**DVD White balance adjuustment**	1. Feed the NTSC monoscope signal to G(Y) input terminal of the BNC terminal. 2. Select the following subject. Group : DVD Subject : R1-BLK B1-BLK	● Adjust so that a white balance may become the best condition by using the control switch or buttons of the R/C.
24	**Checking and readjustment of white balance**	1.The adjustment condition of each item is as mentioned in the following. RGB input:Refer to No.11 VIDEO input:Refer to No.19 DVD input:Refer to No.23	● Make sure that a white balance is the best condition.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
25	**Color system performance check**	1. Receive the color bar signal.	● In the process mode and select L1. Check the color and tint.
26	**Video system performance check**	1. Receive the monoscope pattern signal.	● In the process mode and select L2. Check the picture, brightness and sharpness.
27	**Audio system performance check**		● In the process mode nad select L3. Check the bass, treble and balance.
28	**RGB performance check**	1. Receive the RGB signal.	● In the process mode and select L4. Check the picture, brightness, red, blue, clock, phase, horizontal position, and vertical position.
29	**Off-timer performance check**		● In the process mode and select OFF. Make sure that the off-timer starts with “5” (minutes), counts down each minute in 1 second, and turns off the set at “0”.
30	**Thermistor performance check**	1. Heat the thermistor using a dryer.	● Make sure the “TEMP” is displayed.
31	**Automatic synchronization**	1. Receive the PHASE check pattern signal.	● Call the VGA/S-VGA/XGA mode and make sure that the clock, phase, horizontal and vertical positions can be automatically adjusted.
32	**Keystone correction performance check**		● Make sure the keystone correction functions well.
33	**Factory settings**		● Make the following settings. Process adjustment: S4 — Remote controller setting: "Factory setting 4" for USA and Canada Process adjustment: S3 — Remote controller setting: "Factory setting 3" for Europe, Austraia and Hong Kong.

ADJUSTING THE PC INTERFACE (CPCi-0054CE11. PC I/F Unit)

1.The initialization of the set.

1) Press the S2601 switch to go to the process mode.
2) Perform S1 of the SSS menu. (S1 initializes only a PC I/F board. Don't perform S2 because adjustment data except for the PC board are initialized.
3) Make sure that version of the SPECIAL program (VER.XXX) of the menu is the latest.

2.Adjusting the level.

2-1. Setting the oscilloscope

Set the range to DC 1 V/div and 5µ/div.

2-2. Connecting the PC Interface

1) Connect the cable between the ANALOG OUTPUT (PC computer) and the DSUB connector (INPUT1 of the proejctor).
2) Set the PC computer in the XGA mode (1024 x 768, 60 Hz, 32-step scale). Adjust the output amplitude to 700 mVp-p (terminated with 75 ohms) for the black-to-white portions.
3) Turn on the power.

2-3. Adjusting and checking the level

1) Press the S2601 switch to go to the process mode.
2) Set the SH-PHASE on the OUTPUT3 menu to 8. (Make the characters on screen clear and crisp.)
3) Adjust black level of red signal with R-BRIGHT of the A/D in a place to become bit less condition.
4) Adjust black level of blue signal with B-BRIGHT of the A/D in a place to become bit less condition.
5) Adjust black level of green signal with G-BRIGHT of the A/D in a place to become bit less condition.

2-4. Adjusting the DTV

1) Set the switch to the BNC input terminal of INPUT1
2) Set up a signal generator in 1080i 60Hz mode white signal.Output amplitude makes space between black - white 700mVp-p (75ohm terminated) .
3) Connect the analog output terminal of the signal generator and BNC connector (the INPUT1 terminal of projector) with the cable.
4) Make G-BRIGHT of DTV the numerical value which is the same as G-BRIGHT of A/D.
5) Set up the level of the signal output in 53%, and adjust with CB-OFFSET of the DTV in a place to become bit less condition.
6) Set up the level of the signal output in 53%, and adjust with CR-OFFSET of the DTV in a place to become bit less condition.
7) After adjusting the CB-OFFSET and CR-OFFSET, 6 point adds G-BRIGHT.
8) Press the S2601, to comes out of the process mode.

Servicing precautions

(1) If the convergence gets out of spec in servicing the set, call the process mode and select the following group and subjects.
Group: NOKO
Subject: R-CNV-H, R-CNV-V
G-CNV-H, G-CNV-V
B-CNV-H, B-CNV-V
(H and V are for horizontal and vertical adjustments, respectively.)
Adjust the above settings to the range of 0 to 4.

(2) When entering the process mode, select the following group and subjects too.
Group: VIDEO1
Subject: SET-UP B
SET-UP C
Make sure the SET-UP B and SET-UP C settings are 10 and 2, respectively. To exit from the process mode, be sure to take either of the following ways: Go to the subject SET-UP 1 and quit the mode, or select Group: SSS and Subject: S4 and quit the mode.

ADJUSTMENT PROCESS MENU LIST

P20X( )
A/D
OUTPUT1
OUTPUT2
DTV
OUTPUT3
VIDEO1
VIDEO2
DVD
NOKO
LINE
SSS
PATTERN
CVIC
LENS
SPECIAL

Each menu list

A/D	
R-BRIGHT	45
G-BRIGHT	45
B-BRIGHT	45
R-D	83
B-D	83
G-D	83

OUTPUT1	
R1-BLK	92
R1-GAIN	143
G1-BLK	90
G1-GAIN	145
B1-BLK	90
B1-GAIN	145

OUTPUT2	
PSIG-H	80
PSIG-L	170
R2-BLK	128
G2-BLK	128
B2-BLK	128

DTV	
G-BRIGHT	45
CB-OFFSET	16
CR-OFFSET	16

OUTPUT3	
RC	127
GC	125
BC	131
SH-PHASE	8
GCK-PHASE	8

VIDEO	
NTSC-H	2
PICTURE	45
BRIGHT	128
TINT	130
N-COLOR	108
P-COLOR	107
S-COLOR	110
SET UP	0
SET UP	10
SET UP	1

VIDEO2	
R1-BLK	90
B1-BLK	90
PEAK FIL	2
PEAK GAIN	3
N358 DLY	4
PAL DLY	5
SECAM DLY	0

DVD	
CONTRAST	22
BRIGHT	196
TINT	32
COLOR	21
R1-BLK	90
B1-BLK	90

NOKO	
NOKO-LH	OFF
NOKO-RL	OFF
CC	00
R-CNV-H	2
G-CNV-H	2
B-CNV-H	2
R-CNV-V	2
G-CNV-V	2
B-CNV-V	2

LINE
L1
L2
L3
L4
OFF
TEMP OFF
SENSER CHECK
ID CHECK

SSS
TIME
S1
S2
S3
S4
S5
LAMP

PATTERN	
RGB	1
RGB(50)	2
CROSS	1
STEP	
COLOR	
CHR	1

CIVIC
PROGRESSIVE
ENHANCE-VIDE
ENHANCE-HDTV
ENHANCE-RGB
SCREEN
IDC

LENS
LENS AUTO
LENS TOP
LENS BOTTOM

SPECIAL
IPL
E2PROM
ADR RD/WR
PRG VER.0223
OSD VER.0215
SUB VER.S0201b
CIVIC VER.0216

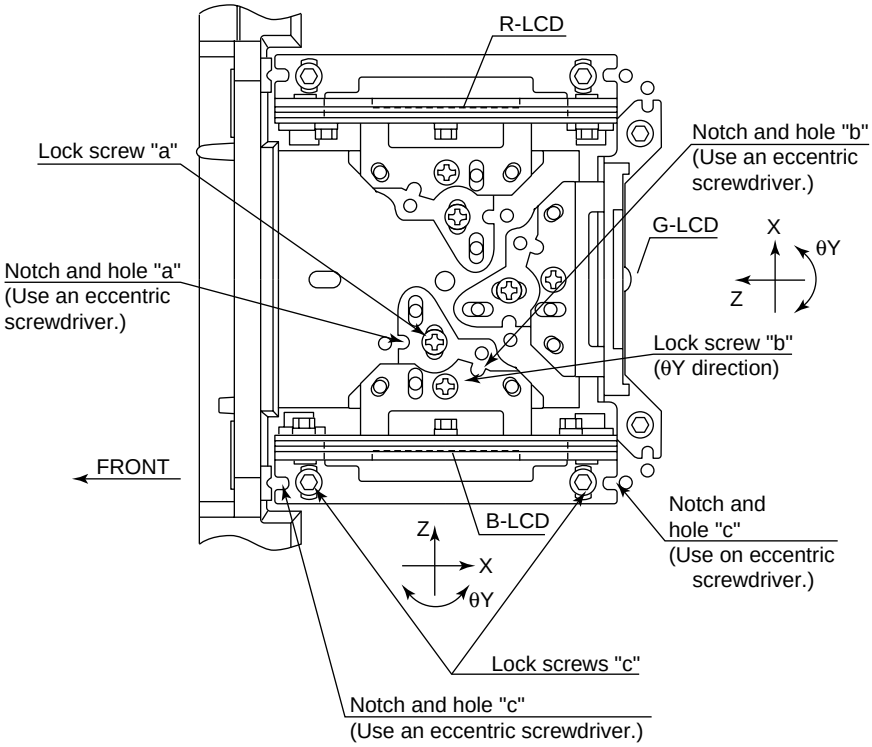
Notes :

① The eccentric cam is used for convergence adjustment. This means that the cam's turning and the linear movement are not always uniform.

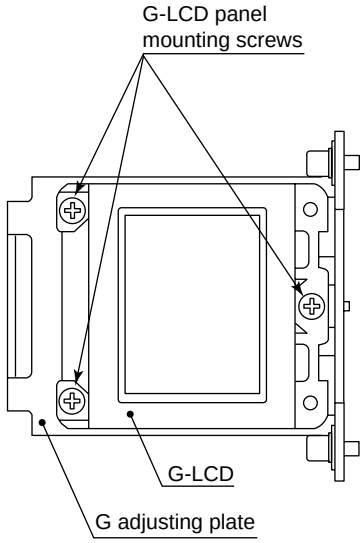
② This model is not equipped with the LCD image adjustment mechanism. This is because the dichroic prism is used for image formation. When the LCD panels all get into the best focus, the images are almost completely converged.

Convergence and Focus Adjustments Mechanism

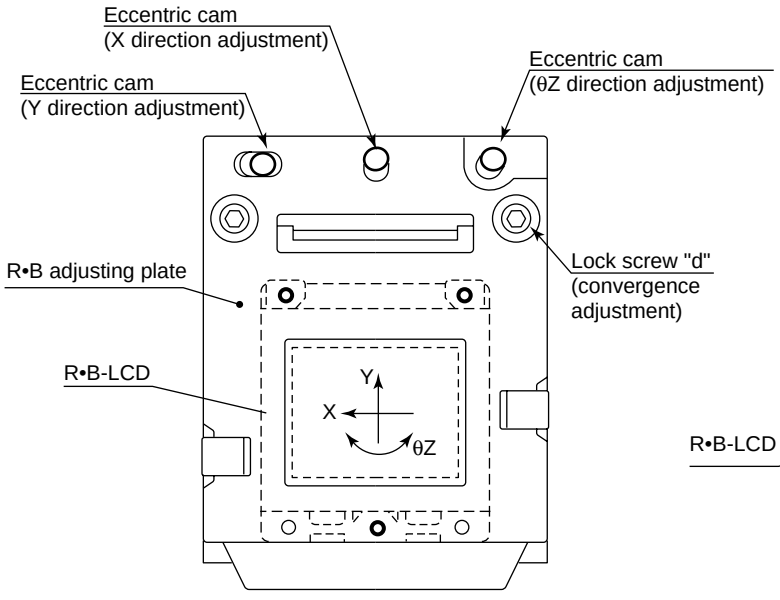
TOP VIEW



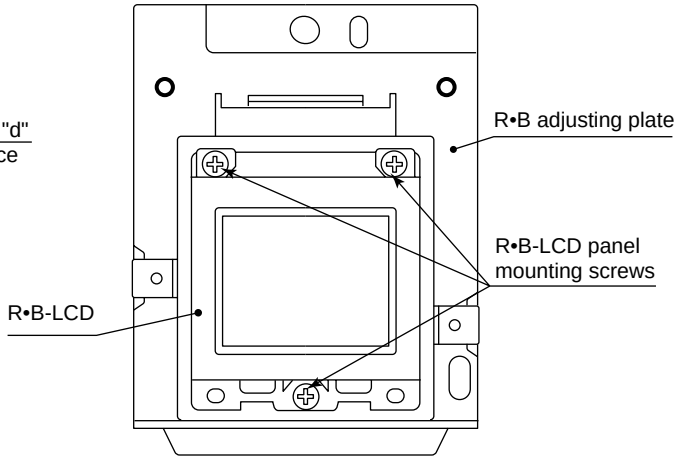
SIDE VIEW



SIDE VIEW (from inside)



SIDE VIEW (from outside)



Convergence and Focus Adjustments at a Glance

Adjustment directions

Adjustment	Direction	Definition	Direction of LCD panel
Convergence	X direction		LCD right and left
	Y direction		LCD top and bottom
	θZ direction	Rotation around Z axis	LCD turning axis
Focus	Z direction		LCD optical axis
	θX direction	Rotation around X axis	LCD top-to-bottom flapping
	θY direction	Rotation around Y axis	LCD right-to-left flapping

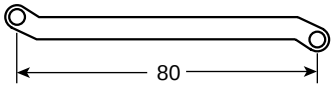
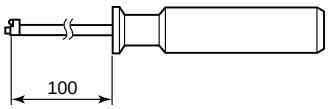
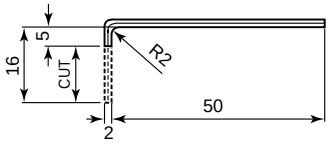
Convergence and Focus Adjustment for the Optical Mechanism

Color	Adjustment	Direction	Movement	Position	Adjusting tool	Lock screw	Tightening tool
R/B colors	Convergence	X direction	±0.8mm	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
		Y direction	±0.8mm	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
		θZ direction	±1°	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
	Focus	Z direction	±0.8mm	Notch and hole "a" & "c"	Eccentric screwdriver,	a, c	Phillips screwdriver, *Hex wrench
		θX direction	±1°	Notch and hole "a" & "c"		a, c	
		θY direction	±1°	Notch and hole "b" & "c"		b, c	
G color	Focus	Z direction	±0.2mm	Same as for R and B colors			
		θX direction	±1°				
		θY direction	±1°				

Focus Adjustments the Other Way

Lock screw	Position	Related direction
a	Notch and hole "a"	Z and θX directions
b	Notch and hole "b"	θY direction
c	Notch and hole "c"	Z, θX and θY directions

Convergence and Focus Adjusting and Tightening Tools

Tool	Specific or General	Tool code	Configuration
Eccentric cam adjusting wrench	Specific	9DASPN-XGNV1U	
Eccentric screwdriver	Specific	9EQDRiVER-NV1A	
Hex wrench	General (redesigned)	9EQLNC-XGNV1U	
Phillips screwdriver	General	—	For M2.6 pan-head machine screw
***Hex wrench**	General	—	Preferably use a 70 mm or longer screwdriver (with a handle).

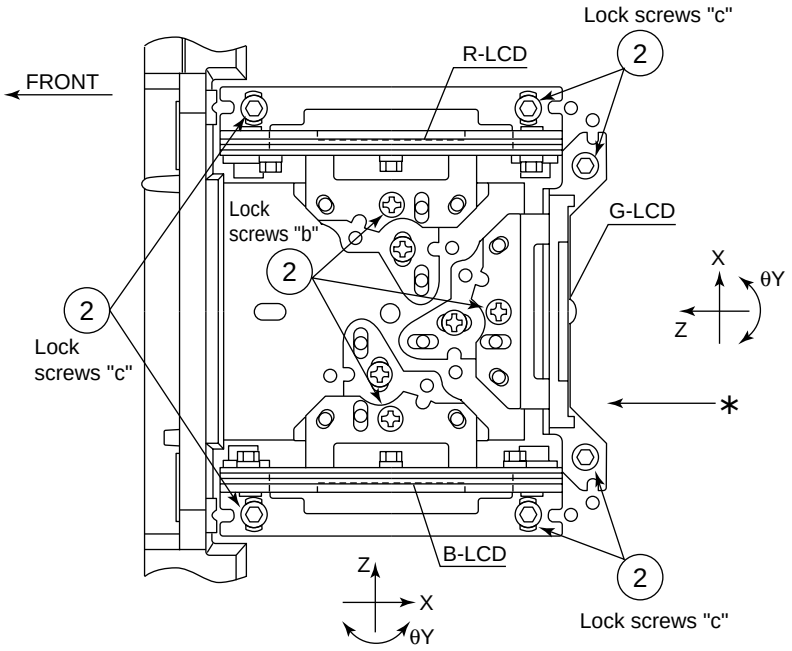
Replacing the G-LCD and B-LCD panels

With the top cabinet removed

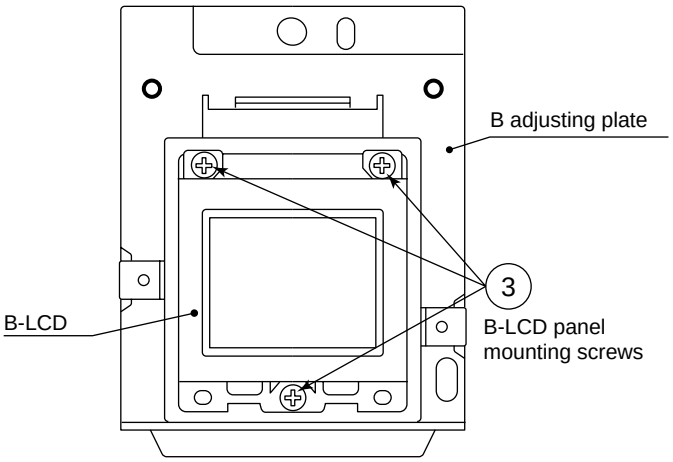
(1) Disconnect the LCD flat cable from the output PWB connector.
(2) Remove the lock screws "b" and "c". Detach the R/B adjusting plate or the G adjusting plate together with the LCD panel.
(3) Separate the LCD panel from the adjusting plate.
(4) Mount a new LCD panel in the reverse order of the above steps (1), (2) and (3).

∗ Readjust the convergence and focus. Note that the G LCD panel needs no convergence adjustment and has a small adjustment range in the Z direction.

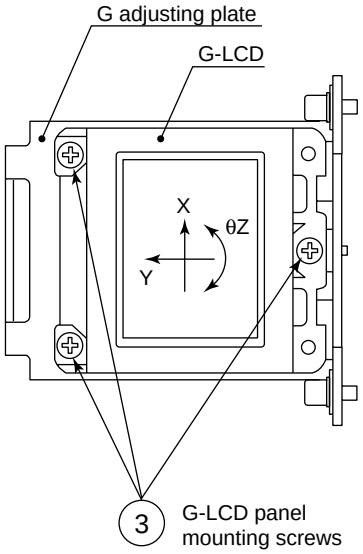
TOP VIEW



SIDE VIEW



SIDE VIEW



Replacing the R-LCD panel

(1) Disconnect the LCD flat cable from the output PWB connector.

<Figure 1>

(2) Remove the two screws "A".
(3) Lift and detach the plate "B" together with the incident light deflection plate.

<Figure 2>

(4) Remove the four screws "C" and separate the units D and E from each other.
(5) Take the R-LCD panel out of the adjusting plate.
(6) Place and fix a new R-LCD panel in the reverse steps.
(7) Adjust the deflection plate. (See page 26).
(8) Adjust the focus and convergence. (See page 21.)

∗ Readjust the convergence and focus. Note that the G LCD panel needs no convergence adjustment and has a small adjustment range in the Z direction.

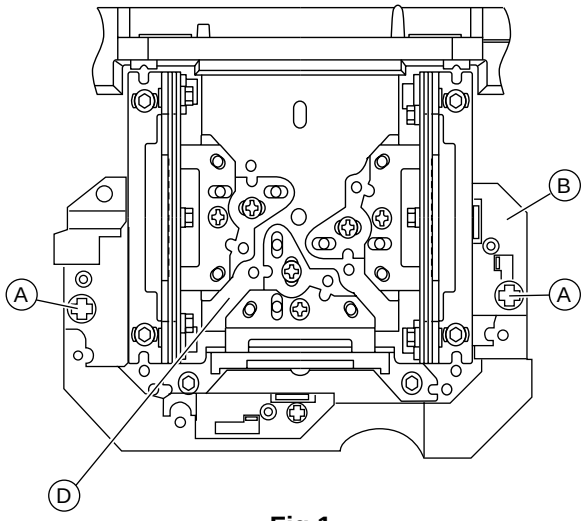


Fig.1

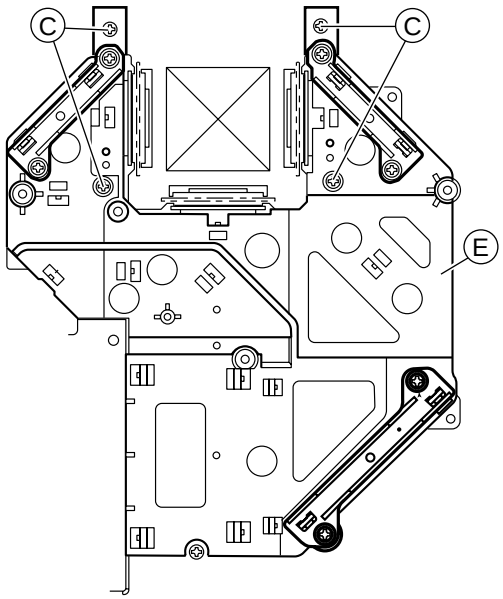
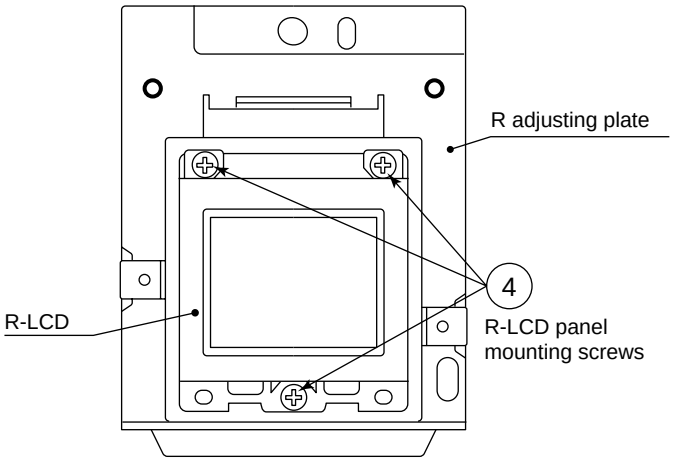


Fig.2

SIDE VIEW

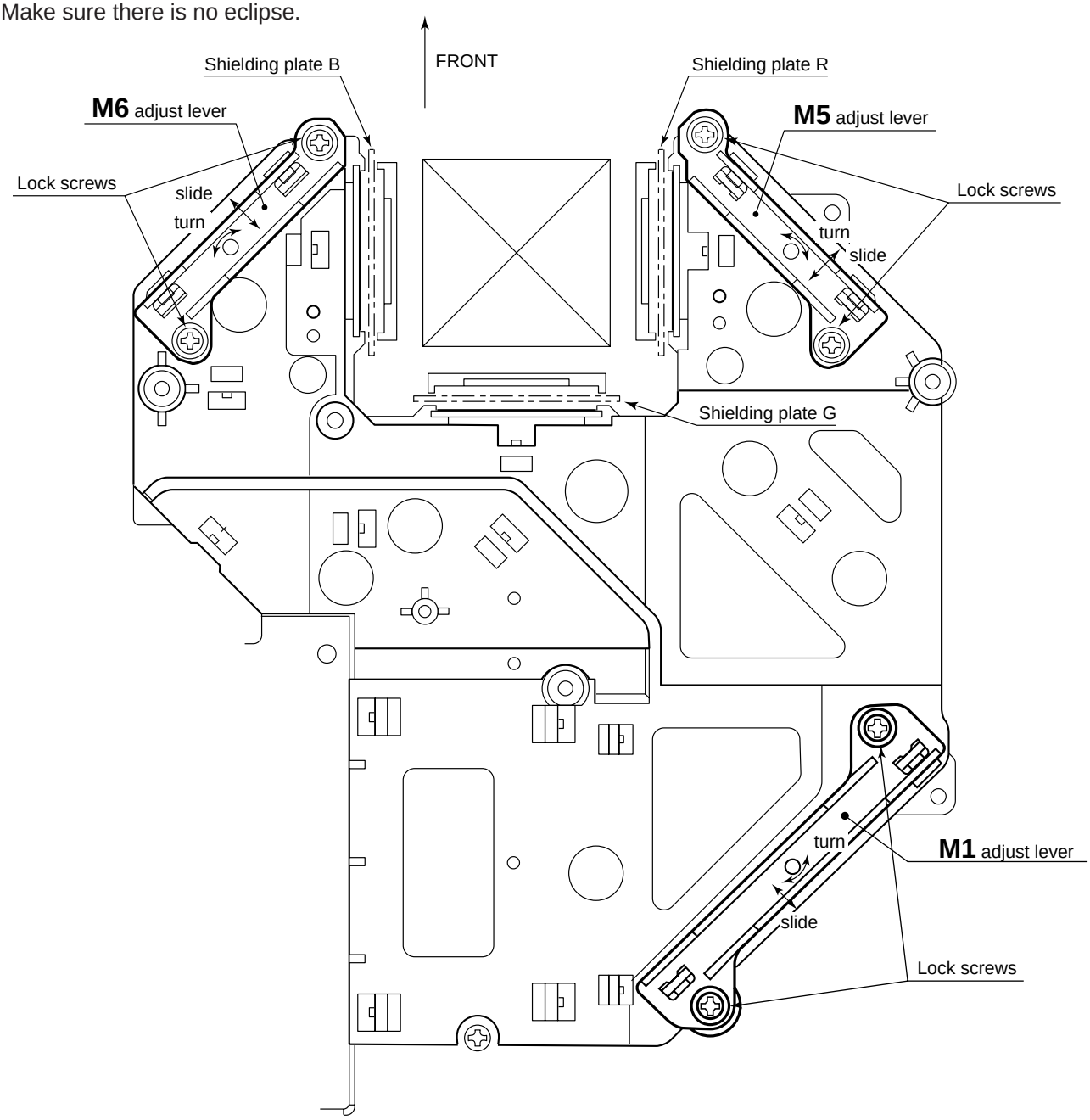


Adjusting the optical axis of the mirrors (M1, M5 and M6)

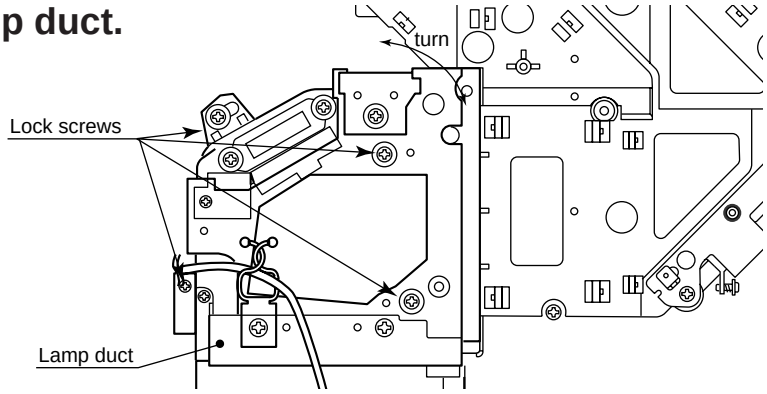
The optical axis must be readjusted if an eclipse happens with the R. G or B mirrors. Generally speaking, this adjustment is needed when any of the internal optical components has been replaced.

Adjustment procedure required when any of the panels has been replaced or the convergence has been adjusted

(1) Disconnect the flat cables of all the LCD panels.
(2) Let the lamp light up.
(3) To adjust the G mirror, shield the R and B mirrors with shielding plates (You can use a business card or the like to block the light).
(4) Loosen the lock screw of the M1 adjust lever.
(5) Looking at the G image on the screen, turn or slide the M1 adjust lever until the eclipse on the screen disappears. Tighten up the screw.
(6) To adjust the R mirror, shield the G and B mirrors and adjust the M5 adjust lever. For the B mirror, shield the R and G mirrors and adjust the M6 adjust lever.
(Take the same steps 4 and 5 above.)
(7) Remove all the shielding plates to have a white image.
Make sure there is no eclipse.



Adjusting the lamp duct.

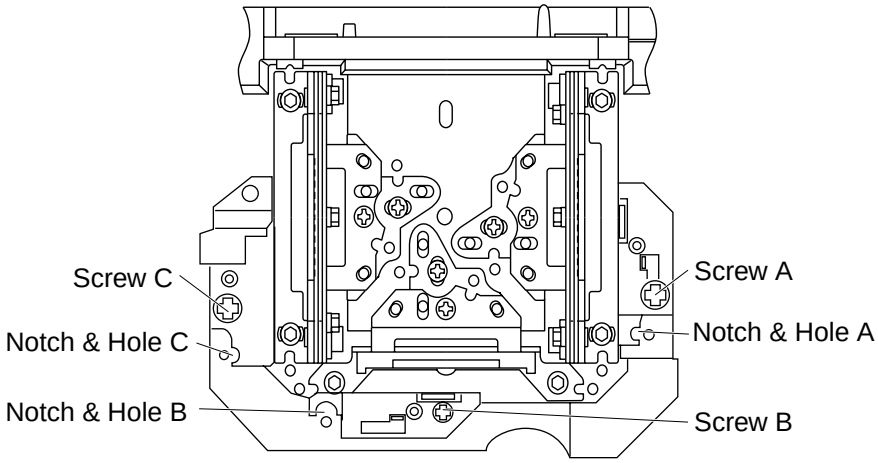


Adjustment procedure reguired when the lamp has been replaced and you can see ununifomity. (Case of Right and Left have ununifomity on the screen)

(1) Let the lamp light up.
(2) Receive the white pattern signal at 100%.
(3) Loosen the four lock screws from the lamp duct.
(4) Looking at the white image on the screen, turn the lamp duct until the uniformity comes to best point on the screen.
(5) Tighten the lock screws of the lamp duct. (Tighten torque is 10±2kg·cm)

Adjustment of incident polarizing plate.

Carry it out when removing polarizingplate.



(From the condition that the top cabinet opens.)
1.Remove screws, earth plate from the output PWB.
2.Extend each FFC cable of R, G, B (Using QCNW-4852CEZZ) and try so that it can move a PWB so that it can see the part which adjusts polarizing plate from the top.
3.Turn on the power, and indicate a black screen on the screen.
<Adjusting the G-LCD incident polarizing plate.>
4.Move an output PWB so that you can see screw B and notch & hole B.
5.Put an eccentric screwdriver (9EQDRIVER-NV1A) in notch & hole B, and loosen screw B.
(Loosen it too much, and be careful that the screw doesn't come off.)
6.Adjust with the eccentric screwdriver in the place where a brightness is the lowest, and tighten screw B, and fix it with seeing a black screen.
Adjust it with screw A and notch & hole A when adjusting incident polarizing plate of R-LCD.
Adjust it with screw C and notch & hole C when adjusting incident polarizing plate of B-LCD.
❋Adjust it in the turn of Green, Red, Blue with 3 place of RGB as well when adjusting it.
❋Be careful not to make it short-circuit when moving an output PWB.

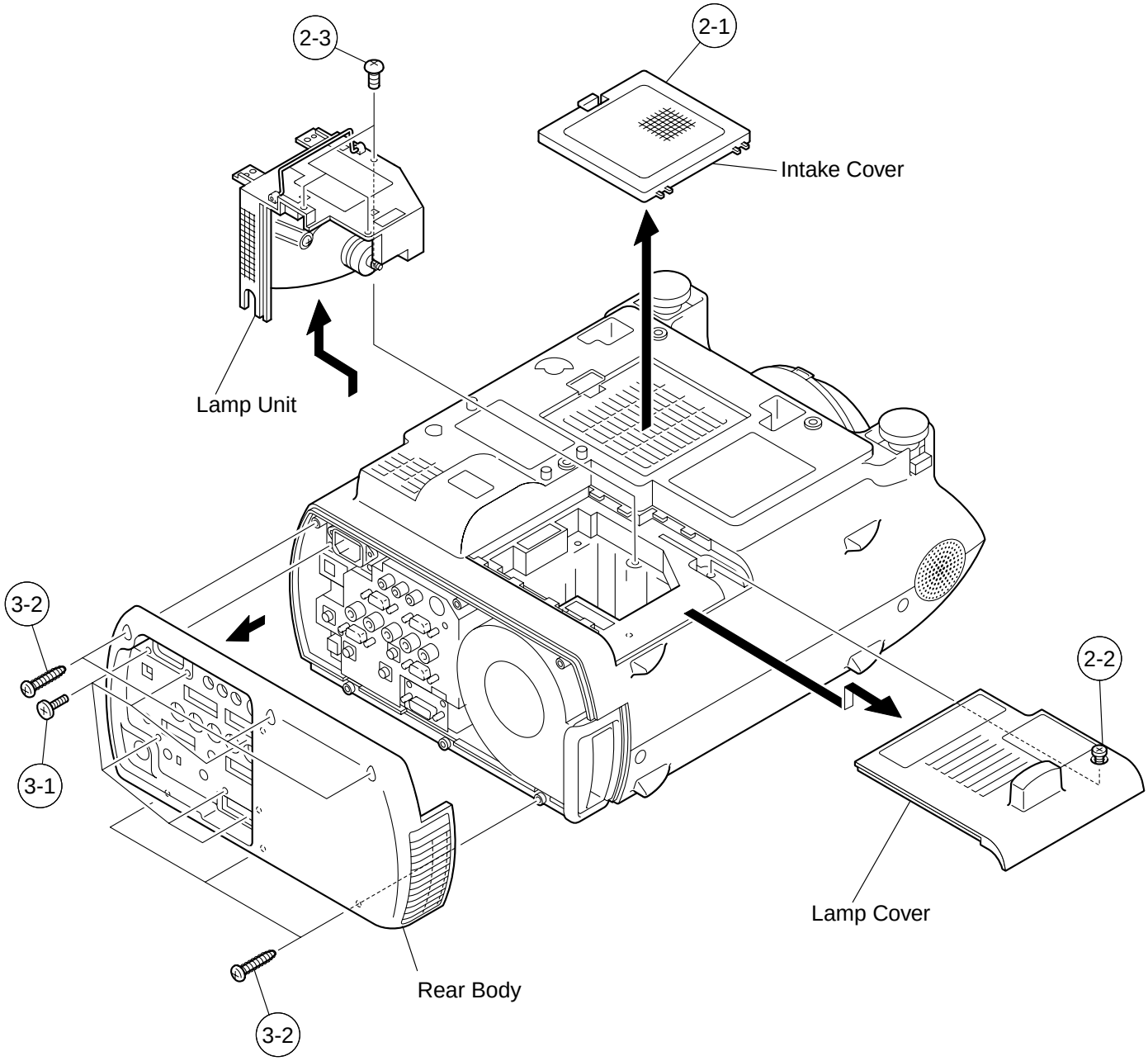
Color	adjustment	Adjustment direction	Amount of adjustment.	Adjustment place form	Ajdustment jig	Fixing screw	Fixed screw tool.
Red	polarizing plate adjustment	θ direction	±1°	Notch & Hole A	eccentric screwdriver	A	Phillips screwdriver
Green	polarizing plate adjustment	θ direction	±1°	Notch & Hole B	eccentric screwdriver	B	Phillips screwdriver
Blue	polarizing plate adjustment	θ direction	±1°	Notch & Hole C	eccentric screwdriver	C	Phillips screwdriver

2. Removing the Intake cover and lamp unit.

2-1. Detach the intake cover.
2-2. Loosen the screw and slide the lamp cover out of position.
2-3. Remove the three screws and lift the lamp unit out of position.

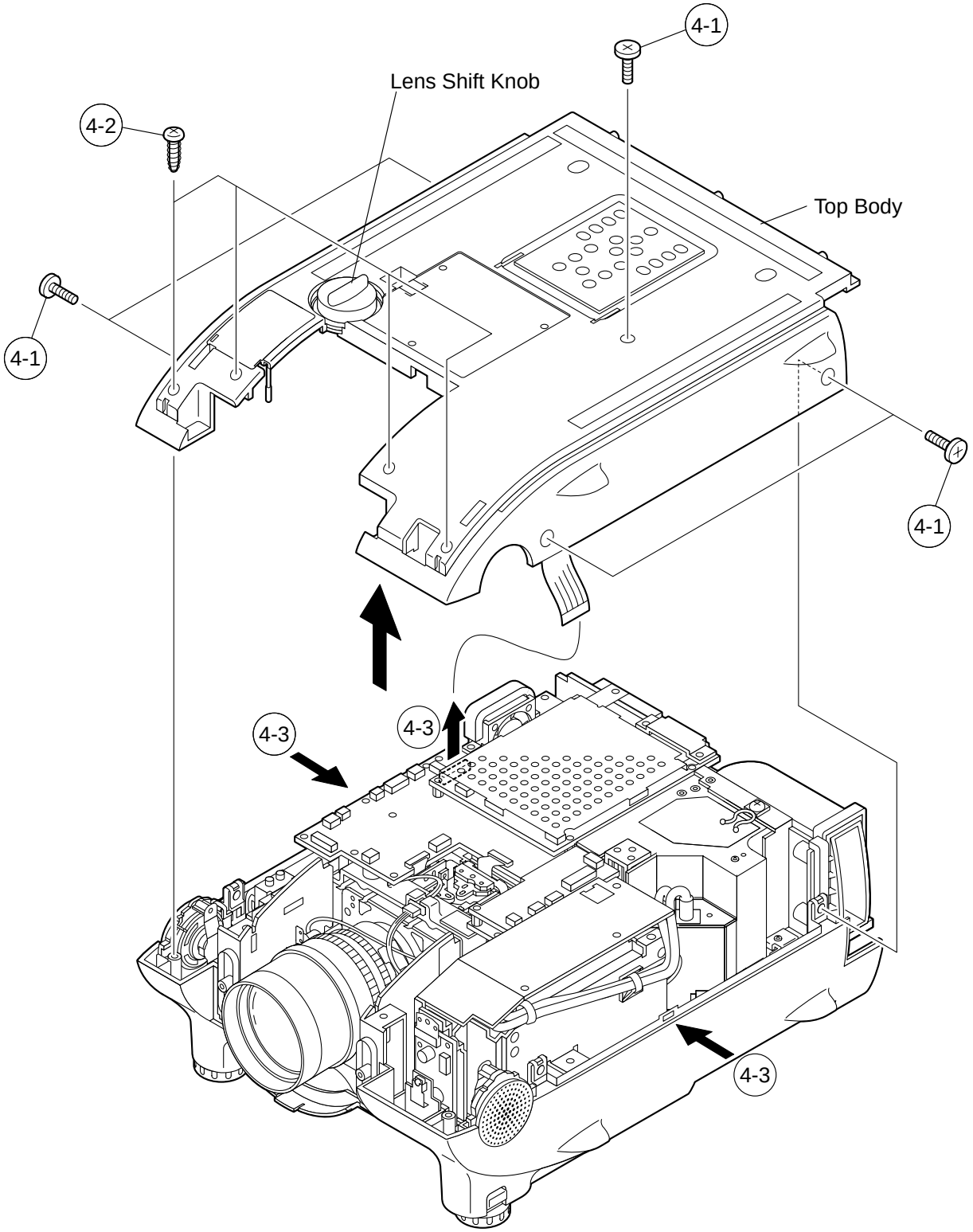
3. Removing the rear body.

3-1. Remove the six screws off the terminal board at the back.
3-2. Remove the six screws and detach the rear body.



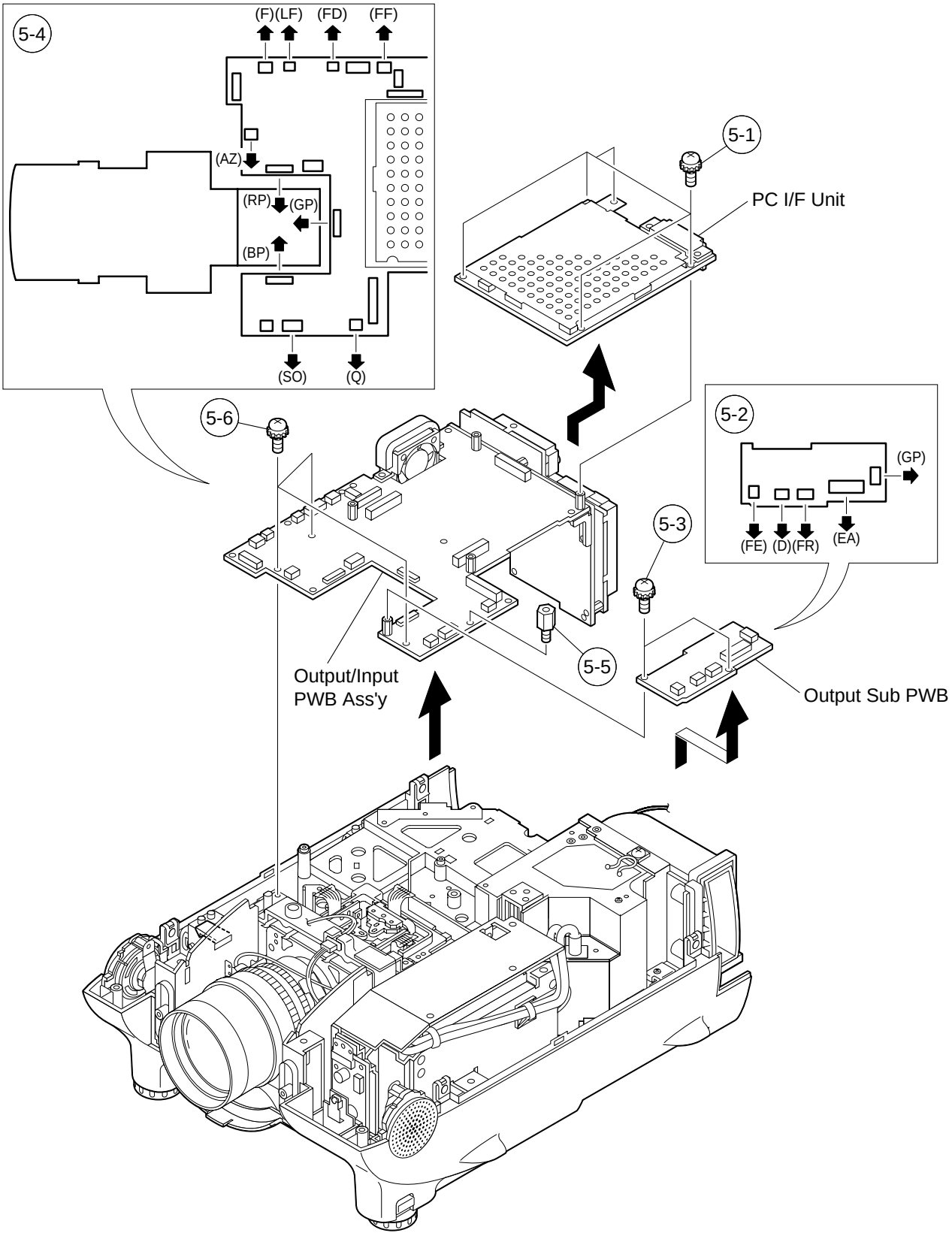
4. Removing the top panel.

4-1. Remove the five screws.
4-2. Remove the four screws.
4-3. Press on both sides of the set and undo the hooks. Lift the top body with lens shift knob and disconnect the connector.



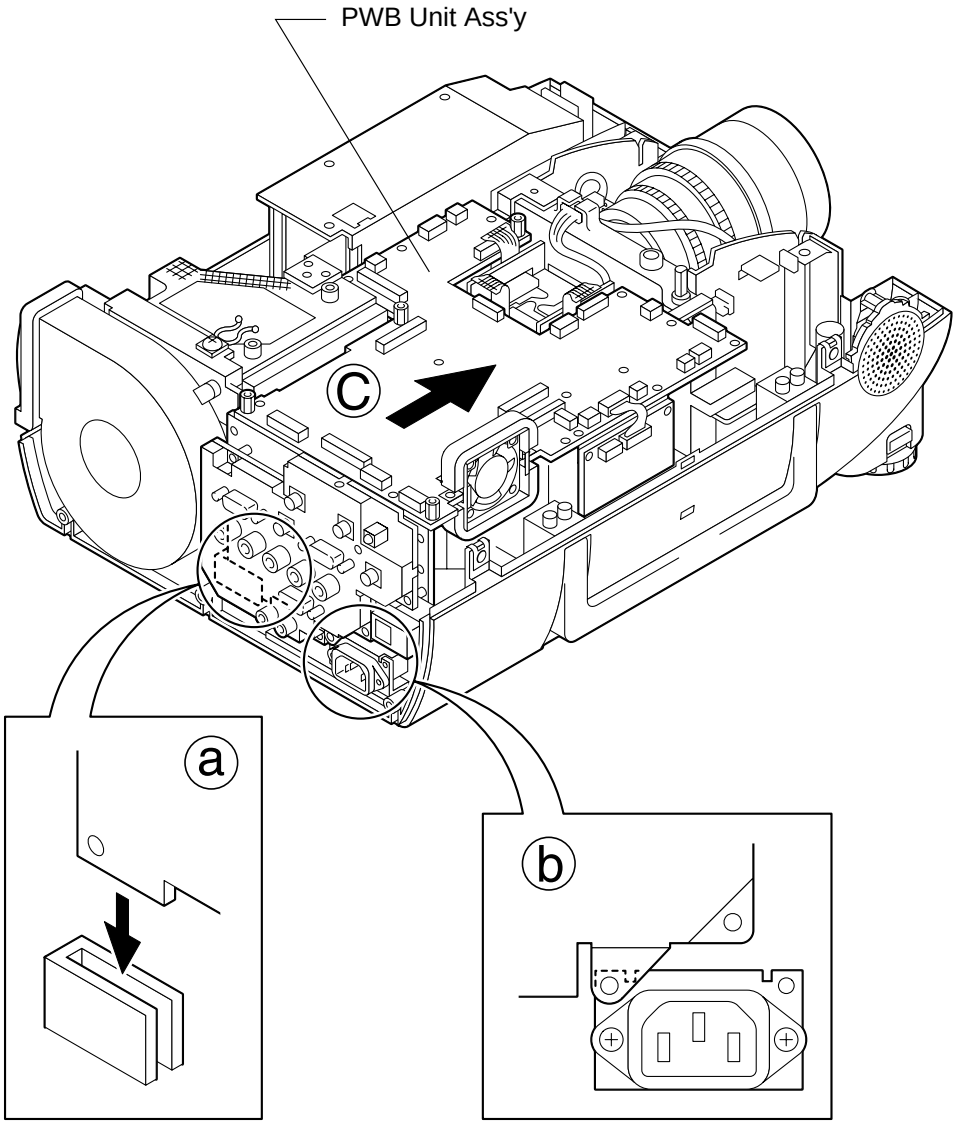
5. Removing the PWB unit.

5-1. Remove the five screws and detach the PC I/F unit.
5-2. Disconnect the five connectors.
5-3. Remove the two screws and detach the output sub-PWB.
5-4. Disconnect the twelve connectors.
5-5. Take out the hexagonal supports.
5-6. Remove the three screws and detach the output/input PWB assembly.



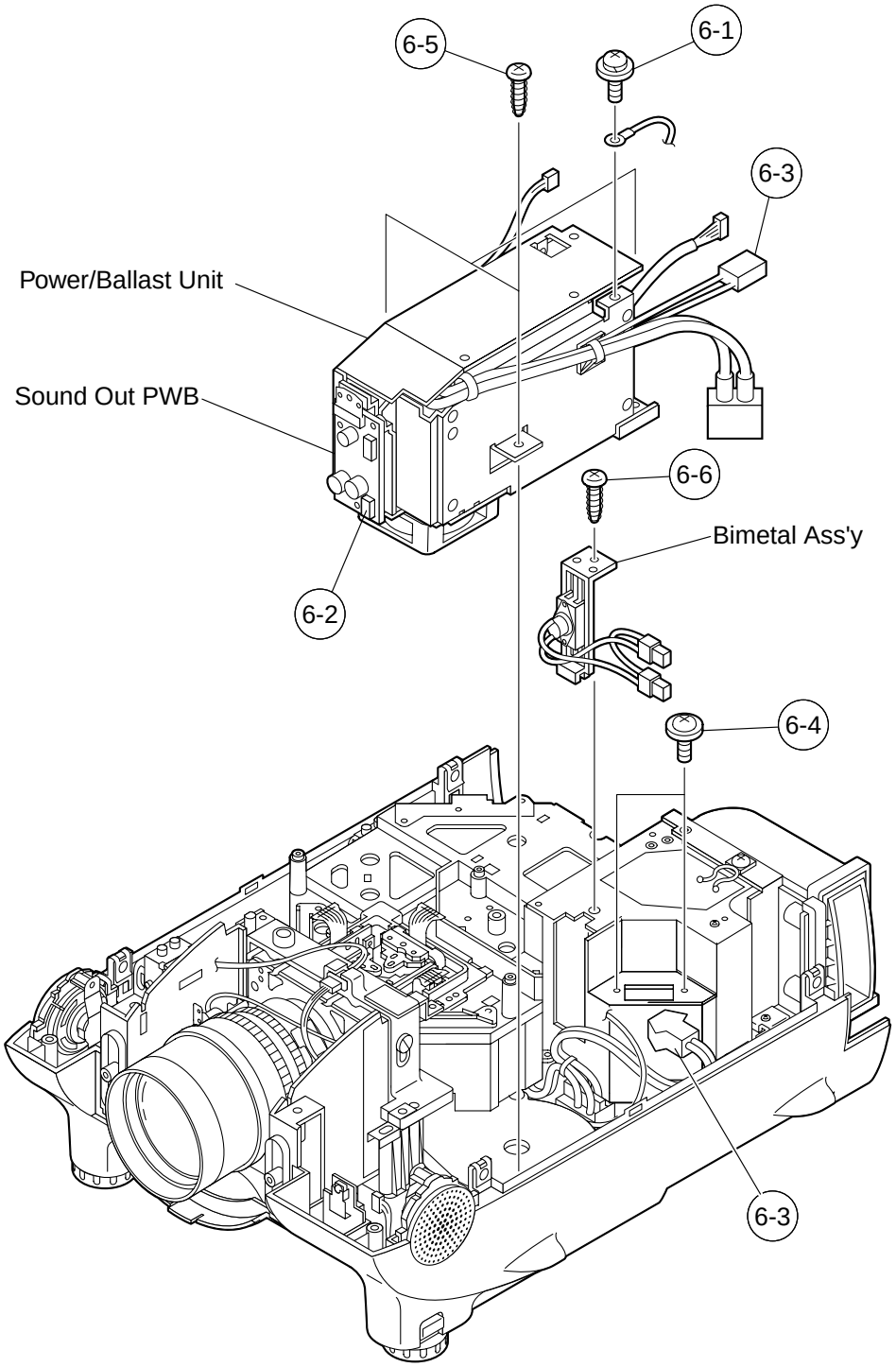
Reassembling precautions

5-7. Fit part ⓐ of the input PWB to the slit of the bottom cover.
5-8. Align the input PWB's shield with the top of the AC inlet shield (ⓑ).
5-9. Before tightening up the screws (5-7) as well as the screws and hex nuts (5-8), move the PWB unit forward enough (ⓒ).



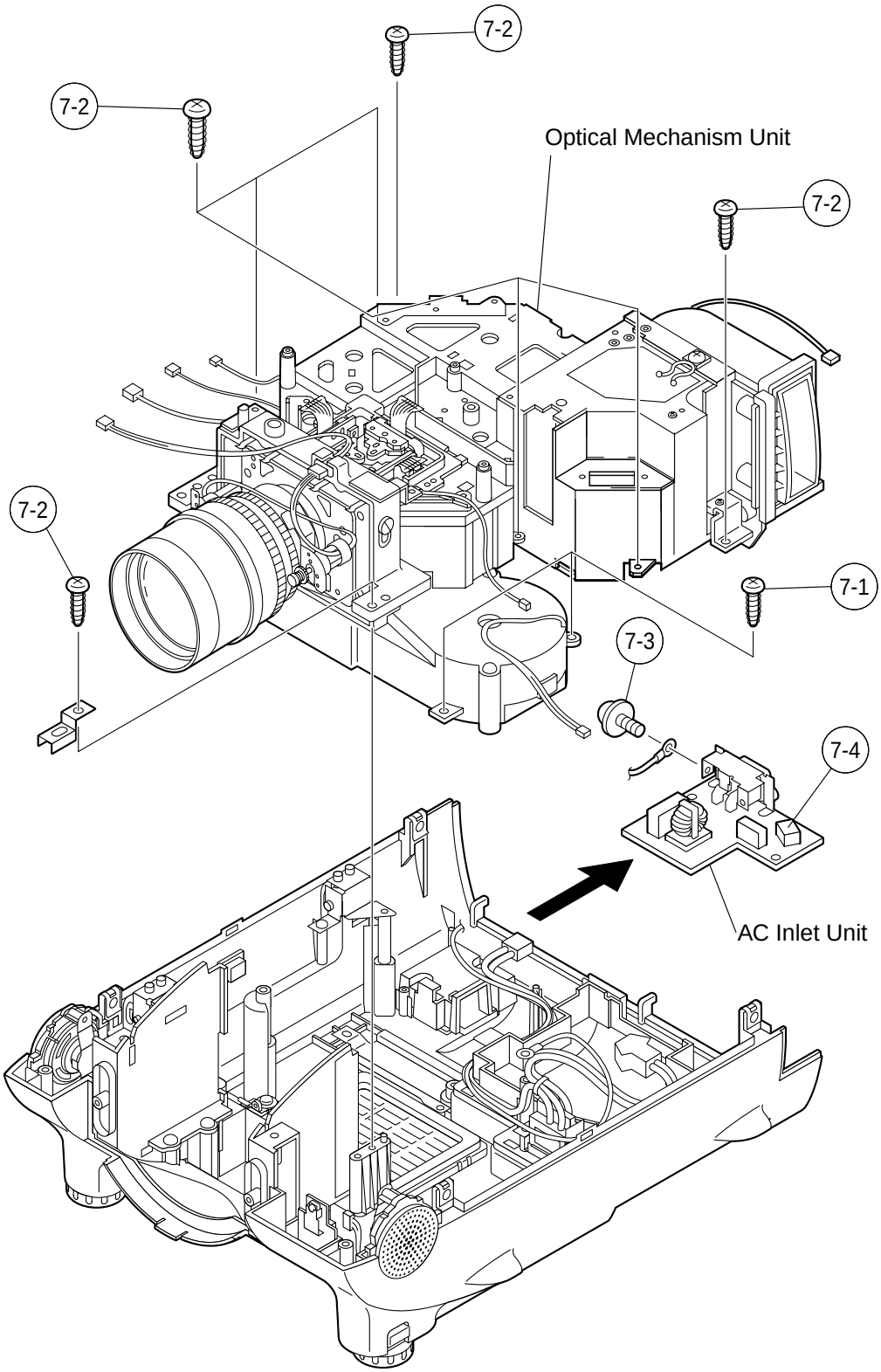
6. Removing the power / ballast / sound-out / bimetal unit assembly.

6-1. Remove the screw and disconnect the grounding wire from the shield case of the power/ballast unit.
6-2. Disconnect the connectors from the sound out PWB.
6-3. Take out the bimetal socket.
6-4. Remove the two screws and detach the lamp socket.
6-5. Remove the three screws and detach the power unit.
6-6. Remove the screw and slide the bimetal assembly upward out of position.



7. Removing the optical mechanism unit

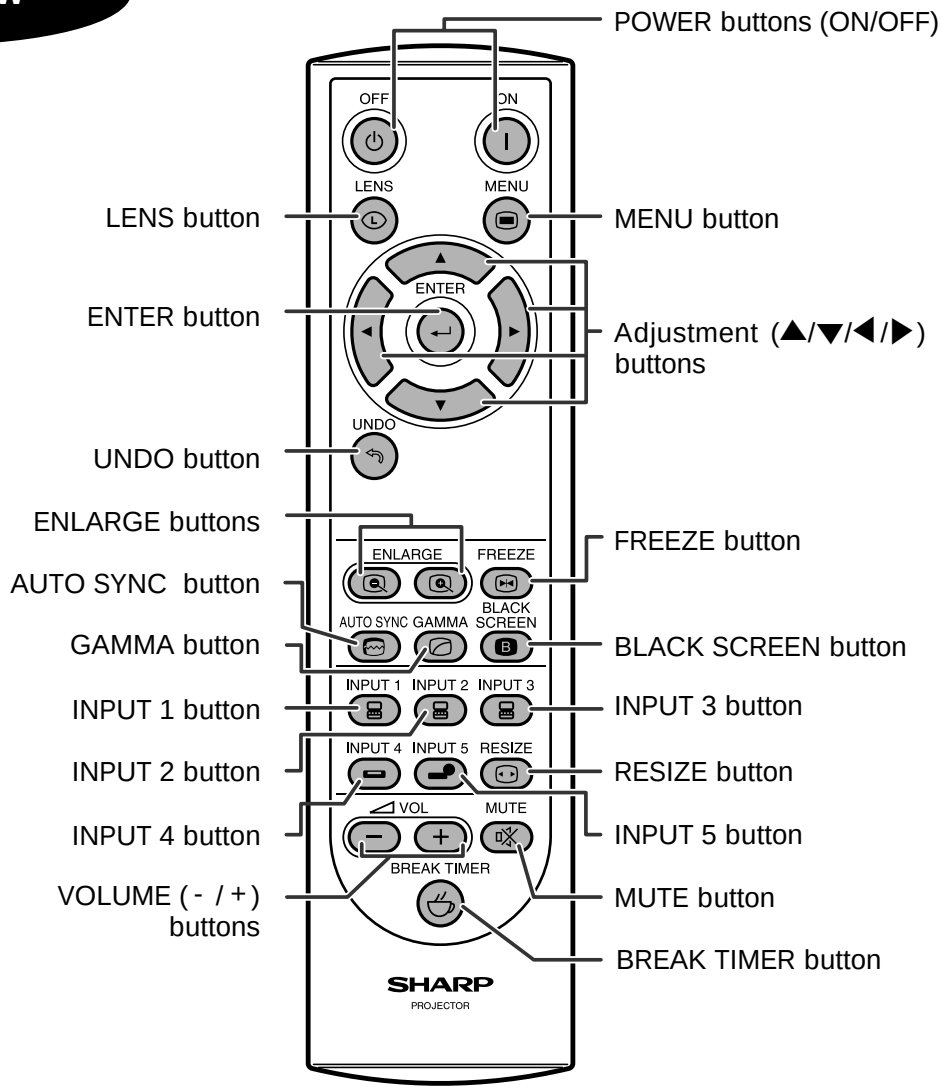
7-1. Remove the two screws off the optical mechanism intake fan.
7-2. Remove the eight screws and take out the optical mechanism unit.
7-3. Remove the screw and disconnect the grounding wire.
7-4. Disconnect the connector and detach the AC inlet unit.



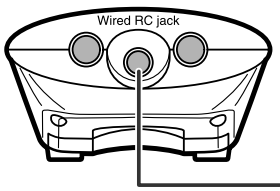
Operating the Wireless Mouse Remote Control

Remote Control

Front View



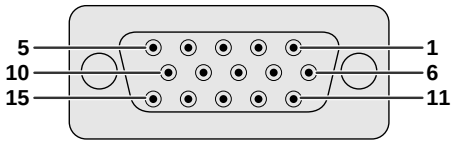
Top View



Wired RC jack (ø3.5 mm minijack)

Connection Pin Assignments

INPUT 1 RGB and OUTPUT (INPUT 1, 2) Signal Ports: 15-pin Mini D-sub female connector



RGB Input

Analog

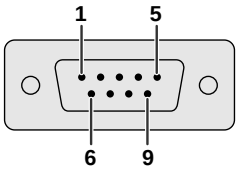
1. Video input (red)
2. Video input (green/sync on green)
3. Video input (blue)
4. Reserve input 1
5. Composite sync
6. Earth (red)
7. Earth (green/sync on green)
8. Earth (blue)
9. Not connected
10. GND
11. GND
12. Bi-directional data
13. Horizontal sync signal
14. Vertical sync signal
15. Data clock

Component Input

Analog

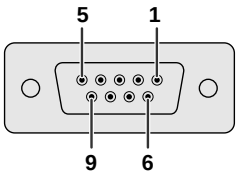
1. P_R (C_R)
2. Y
3. P_B (C_B)
4. Not connected
5. Not connected
6. Earth (P_R)
7. Earth (Y)
8. Earth (P_B)
9. Not connected
10. Not connected
11. Not connected
12. Not connected
13. Not connected
14. Not connected
15. Not connected

RS-232C Port: 9-pin D-sub male connector



Pin No.	Signal	Name	I/O	Reference
1	CD			Not connected
2	RD	Receive Data	Input	Connected to internal circuit
3	SD	Send Data	Output	Connected to internal circuit
4	ER			Not connected
5	SG	Signal Ground		Connected to internal circuit
6	DR	Data Set Ready		Not connected
7	RS	Request to Send	Output	Connected to internal circuit
8	CS	Clear to Send	Input	Connected to internal circuit
9	CI			Not connected

RS-232C Cable recommended connection: 9-pin D-sub female connector



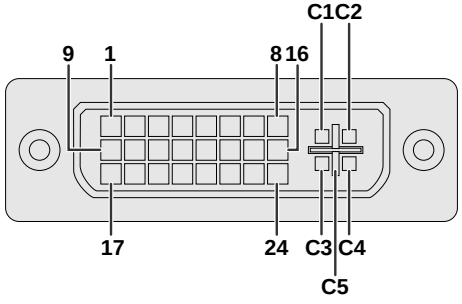
Pin No.	Signal	Pin No.	Signal
1	CD	1	CD
2	RD	2	RD
3	SD	3	SD
4	ER	4	ER
5	SG	5	SG
6	DR	6	DR
7	RS	7	RS
8	CS	8	CS
9	CI	9	CI

NOTE

- Depending on the system layout, it is necessary to connect Pin 4 and Pin 6 on the controlling device (e.g. PC).

Projector Pin No.	PC Pin No.
4	4
5	5
6	6

INPUT 3 DVI Port: 29-pin



Pin No.	Name	Pin No.	Name
1	T.M.D.S. Data 2	16	Hot Plug Detect
2	T.M.D.S. Data 2	17	T.M.D.S. Data 0
3	T.M.D.S. Data 2/4 Shield	18	T.M.D.S. Data 0
4	T.M.D.S. Data 4 *3	19	T.M.D.S. Data 0/5 Shield
5	T.M.D.S. Data 4 *3	20	T.M.D.S. Data 5 *3
6	DDC Clock	21	T.M.D.S. Data 5 *3
7	DDC Data	22	T.M.D.S. Clock Shield
8	Analog Vertical Sync	23	T.M.D.S. Clock
9	T.M.D.S. Data 1	24	T.M.D.S. Clock
10	T.M.D.S. Data 1	C1	Analog Red
11	T.M.D.S. Data 1/3 Shield	C2	Analog Green
12	T.M.D.S. Data 3 *3	C3	Analog Blue
13	T.M.D.S. Data 3 *3	C4	Analog Horizontal sync
14	5 V Power	C5	Analog Ground*2
15	Ground*1		

NOTE

- *1 Return for 5 V, Hsync. and Vsync.
- *2 Analog R, G and B return
- *3 These pins are not used on this equipment.

NOTE TO SERVICE PERSONNEL

UV-RADIATION PRECAUTION

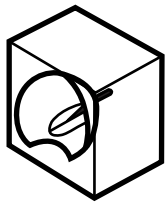
The light source, metal halide lamp, in the LCD projector emits small amounts of UV-Radiation.

AVOID DIRECT EYE AND SKIN EXPOSURE.

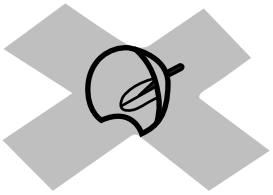
To ensure safety please adhere to the following:

1. Be sure to wear sun-glasses when servicing the projector with the lamp turned “on” and the top enclosure removed.

2. Do not operate the lamp outside of the lamp housing.



3. Do not operate for more than 2 hours with the enclosure removed.



UV-Radiation and Medium Pressure Lamp Precautions

1. Be sure to disconnect the AC plug when replacing the lamp.
2. Allow one hour for the unit to cool down before servicing.
3. Replace only with same type lamp. Type CLMPFA002DE02 or BQC-XGP25X//1 rated 80V/270W.
4. The lamp emits small amounts of UV-Radiation, avoid direct-eye contact.
5. The medium pressure lamp involves a risk of explosion. Be sure to follow installation instructions described below and handle the lamp with care.

NOTE POUR LE PERSONNEL D’ENTRETIEN

PRECAUTION POUR LES RADIATIONS UV

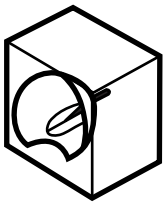
La source de lumière, la lampe métal halide, dans le projecteur LCD émet de petites quantités de radiation UV.

EVITEZ TOUTE EXPOSITION DIRECTE DES YEUX ET DE LA PEAU.

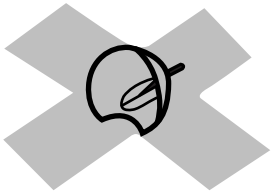
Pour votre sécurité, nous vous prions de respecter les points suivants:

1. Toujours porter des lunettes de soleil lors d’un entretien du projecteur avec la lampe allumée et le haut du coffret retiré.

2. Ne pas faire fonctionner la lampe à l’extérieur du boîtier de lampe.



3. Ne pas faire fonctionner plus de 2 heures avec le coffret retiré.



Précautions pour les radiations UV et la lampe moyenne pression

1. Toujours débrancher la fiche AC lors du remplacement de la lampe.
2. Laisser l’unité refroidir pendant une heure avant de procéder à l’entretien.
3. Ne remplacer qu’avec une lampe du même type. Type CLMPFA002DE02 ou BQC-XGP25XU//1 caractéristique 80V/270W.
4. La lampe émet de petites quantités de radiation UV-éviter tout contact direct avec les yeux.
5. La lampe moyenne pression implique un risque d’explosion. Toujours suivre les instructions d’installation décrites ci-dessous et manipuler la lampe avec soin.

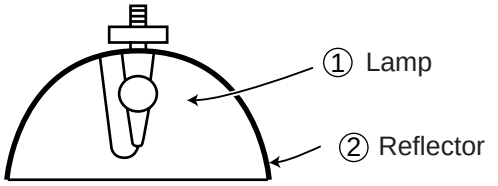
UV-RADIATION PRECAUTION (Continued)

■ Lamp Replacement

Note:

Since the lamp reaches a very high temperature during units operation replacement of the lamp should be done at least one hour after the power has been turned off. (to allow the lamp to cool off.) Installing the new lamp, make sure not to touch the lamp (bulb) replace the lamp by holding its reflector ②.

[Use original replacement only.]



DANGER ! — Never turn the power on without the lamp to avoid electric-shock or damage of the devices since the stabilizer generates high voltages at its start.

Since small amounts of UV-Radiation are emitted from an opening between the duct cover and the lamp housing, it is recommended to place the LENS CAP on the opening during servicing to avoid eye and skin exposure (Fig. 1).

Note: Please obtain a lens cap before servicing a models XG-P25X that is received without one.

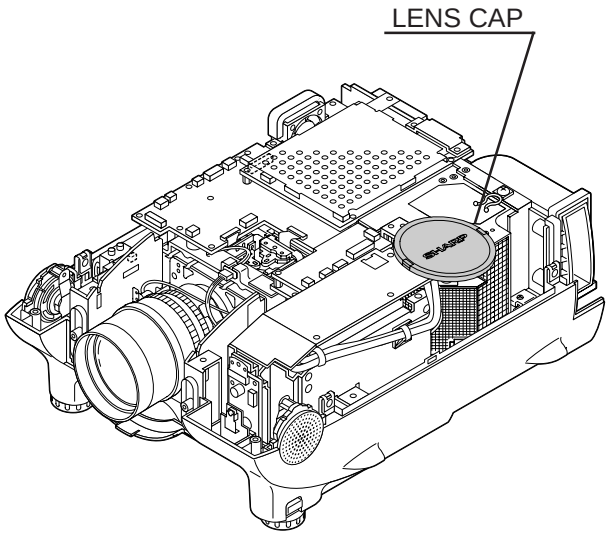


Figure 1.

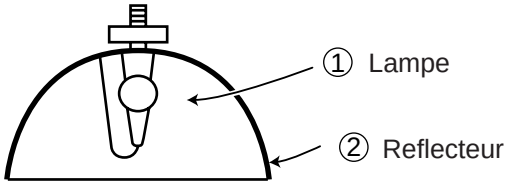
PRECAUTION POUR LES RADIATIONS UV (Suite)

■ Remplacement de la lampe

Remarque:

Comme la lampe devient très chaude pendant le fonctionnement de l'unité, son remplacement ne doit être effectué au moins une heure après avoir coupé l'alimentation (pour permettre à la lampe de refroidir). En installant la nouvelle lampe, s'assurer de ne pas toucher la lampe (ampoule). Remplacer la lampe en tenant son réflecteur ②.

[N'utiliser qu'un remplacement d'origine.]



DANGER ! — Ne jamais mettre sous tension sans la lampe pour éviter un choc électrique ou des dommages des appareils car le stabilisateur génère de hautes tensions à sa mise en route.

Comme de petites quantités de radiation UV sont émises par une ouverture entre le couvercle du conduit et le botier de la lampe,il est recommandé de placer le CAPUCHON D'OPTIQUE sur l'ouverture pendant l'entretien pour éviter une exposition des yeux et la peau (Fig. 1).

Remarque: Priére de se procurer un capuchon d'optique acant d'entretien un modéle XG-P25X qui est livré sans.

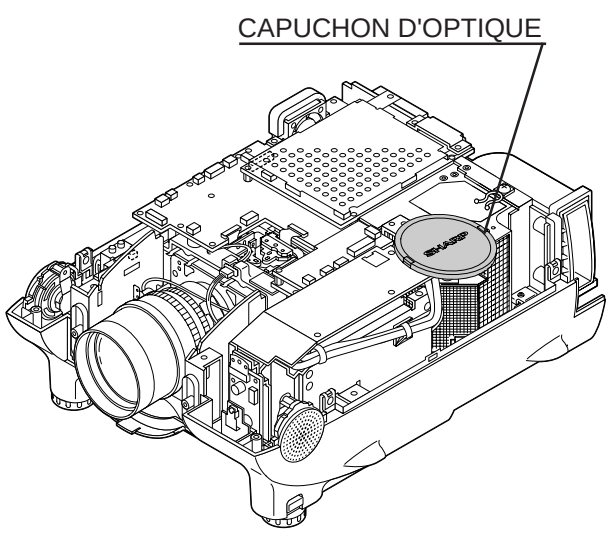


Figure 1.

WARNING: High brightness light source, do not stare into the beam of light, or view directly. Be especially careful that children do not stare directly in to the beam of light.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO MOISTURE OR WET LOCATIONS.

CAUTION

RISK OF ELECTRIC SHOCK.
DO NOT REMOVE SCREWS
EXCEPT SPECIFIED USER
SERVICE SCREW

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE CABINET.
NO USER-SERVICEABLE PARTS EXCEPT LAMP UNIT.
REFER SERVICING TO QUALIFIED SERVICE
PERSONNEL.

The lighting flash with arrowhead within a triangle is intended to tell the user that parts inside the product are risk of electric shock to persons.

The exclamation point within a triangle is intended to tell the user that important operating and servicing instructions are in the manual with the projector.

CAUTION
(INLET Unit)

6.3A 250V

For continued protection against a risk of fire, replace only with same type 6.3A 250V fuse. (F791)

CAUTION
(POWER Unit)

2A 250V

For continued protection against a risk of fire, replace only with same type P110A, ANZEN DENGU, 2A, 250V 117°C fuse.(TF701)

CAUTION
(BALLST Unit)

For continued protection against a risk of fire, replace only with same type P110A, ANZEN DENGU, 2A, 250V 117°C fuse.(THP1701)

AVERTISSEMENT: Source lumineuse de grande intensité. Ne pas fixer le faisceau lumineux ou le regarder directement. Veiller particulièrement à éviter que les enfants ne fixent directement le faisceau lumineux.

AVERTISSEMENT: AFIN D'EVITER TOUT RISQUE D'INCENDIE OU D'ELECTROCUTION, NE PAS PLACER CET APPAREIL DANS UN ENDROIT HUMIDE OU MOUILLE.

ATTENTION

RISQUE
D'ELECTROCUTION NE
PASRETIRER LES VIS, A
L'EXCEPTION DES VIS DE
REPARATION UTILISATEUR
SPECIFIEES

ATTENTION: POUR EVITER TOUT RISQUE
D'ELECTROCUTION, NE PAS RETIRER LE CAPOT.
AUCUNE DES PIECES INTERIEURES N'EST REPARABLE
PAR L'UTILISATEUR, A L'EXCEPTION DE L'UNITE DE
LAMPE. POUR TOUTE REPARATION, S'ADRESSER A UN
TECHNICIEN D'ENTRETIEN QUALIFIE.

L'éclair terminé d'une flèche à l'intérieur d'un triangle indique à l'utilisateur que les pi'eces se trouvant dans l'appareil sont susceptibles de provoquer une décharge électrique.

Le point d'exclamation à l'intérieur d'un triangle indique à l'utilisateur que les instructions de fonctionnement et d'entretien sont détaillées dans les documents fournis avec le projecteur.

PRECAUTION
(Unite d'admission)

6,3A 250V

Pour une protection continue contre les risques d'incendie, ne remplacer qu'avec un fusible 6,3A 250V du même type. (F791)

PRECAUTION
(Unité de NETZ)

2A 250V

Pour une protection continue contre un risques d'incendie, ne remplacer qu'avec un fusible P110A, ANZEN DENGU 2A 250V, 117°C du même type. (TF701)

PRECAUTION
(Unité de PUTSSANCE)

Pour une protection continue contre un risques d'incendie, ne remplacer qu'avec un fusible P110A, ANZEN DENGU 2A 250V, 117°C du même type. (THP1701)

CONTENTS

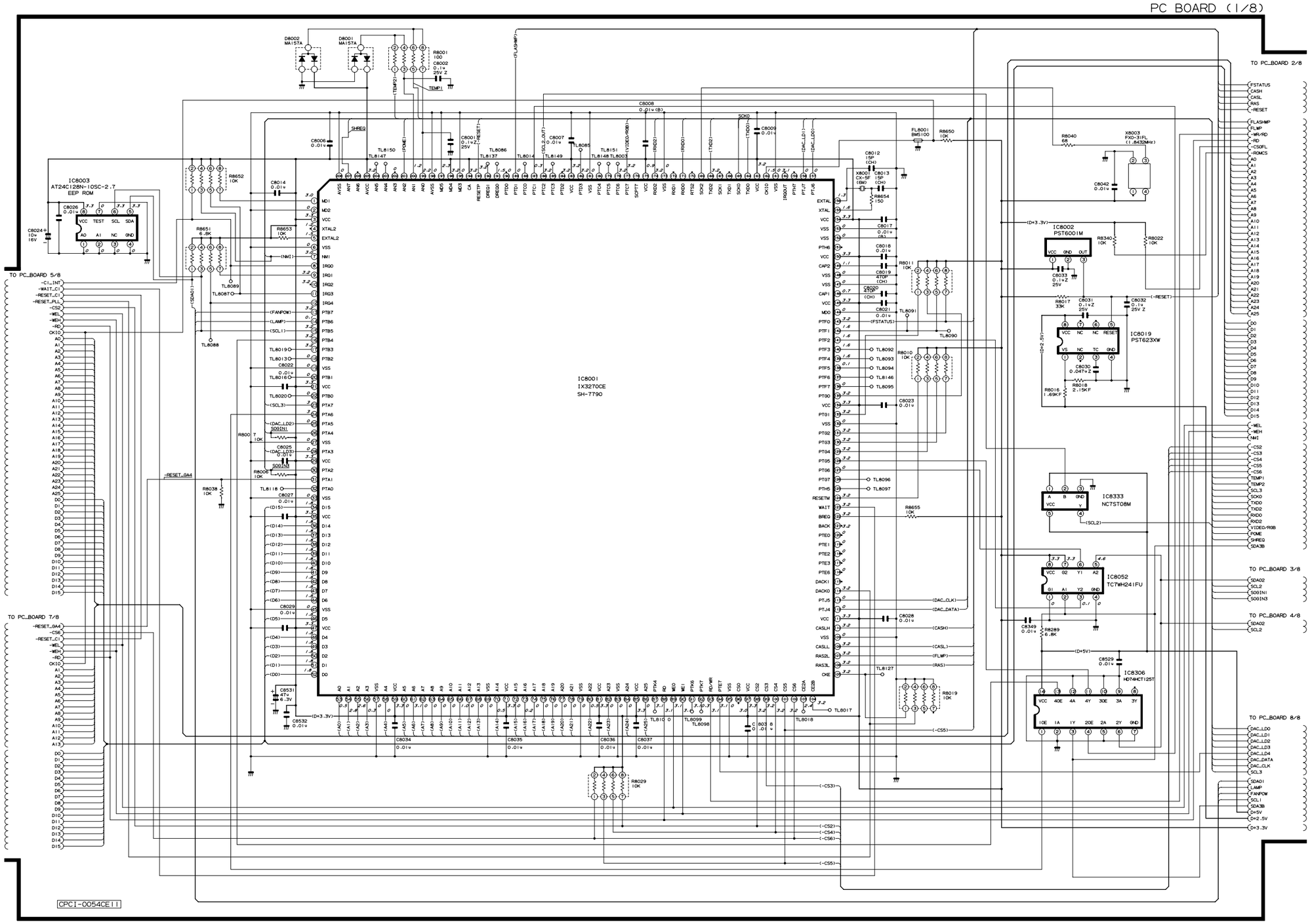
Page

- SPECIFICATIONS 3
- IMPORTANT SERVICE SAFETY NOTES (for USA) 4
- NOTE TO SERVICE PERSONNEL 5
- OPERATION MANUAL 8
- REMOVING OF MAJOR PARTS 12
- RESETTING THE TOTAL LAMP TIMER 19
- THE OPTICAL UNIT OUTLINE 20
- CONVERGENCE AND FOCUS ADJUSTMENT 21
- ELECTRICAL ADJUSTMENT 28
- TROUBLE SHOOTING TABLE 36
- CHASSIS LAYOUT 58

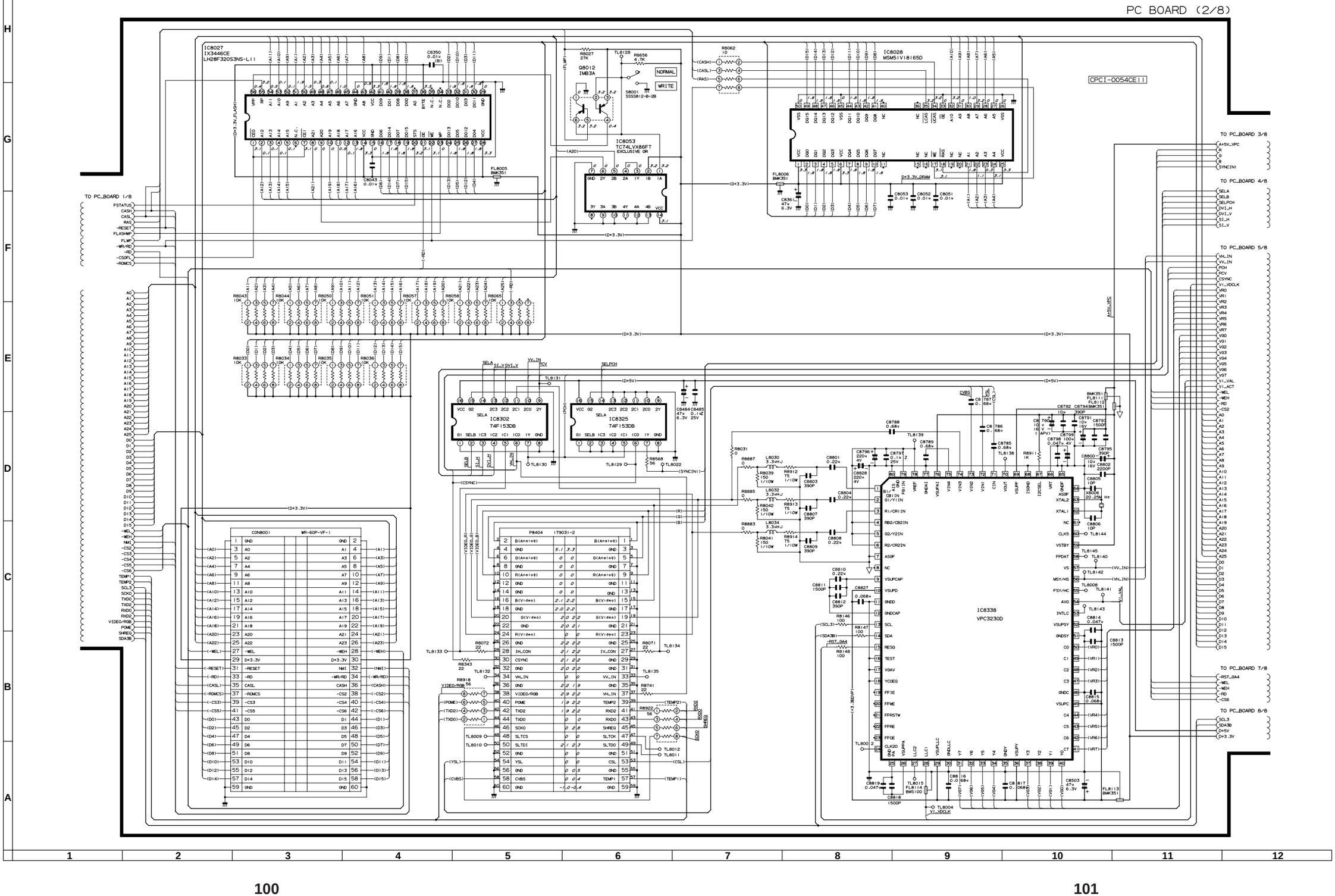
Page

- BLOCK DIAGRAM 60
- OVERALL WIRING DIAGRAM 62
- DESCRIPTION OF SCHEMATIC DIAGRAM .. 64
- WAVEFORMS 65
- SCHEMATIC DIAGRAM 66
- PRINTED WIRING BOARD ASSEMBLIES ... 114
- PARTS LIST
  - ■ ELECTRICAL PARTS 121
  - ■ CABINET AND MECHANICAL PARTS 141
  - ■ ACCESSORIES PARTS 146
  - ■ PACKING PARTS 146
- PACKING OF THE SET 147

■ PC I/F UNIT-1/8

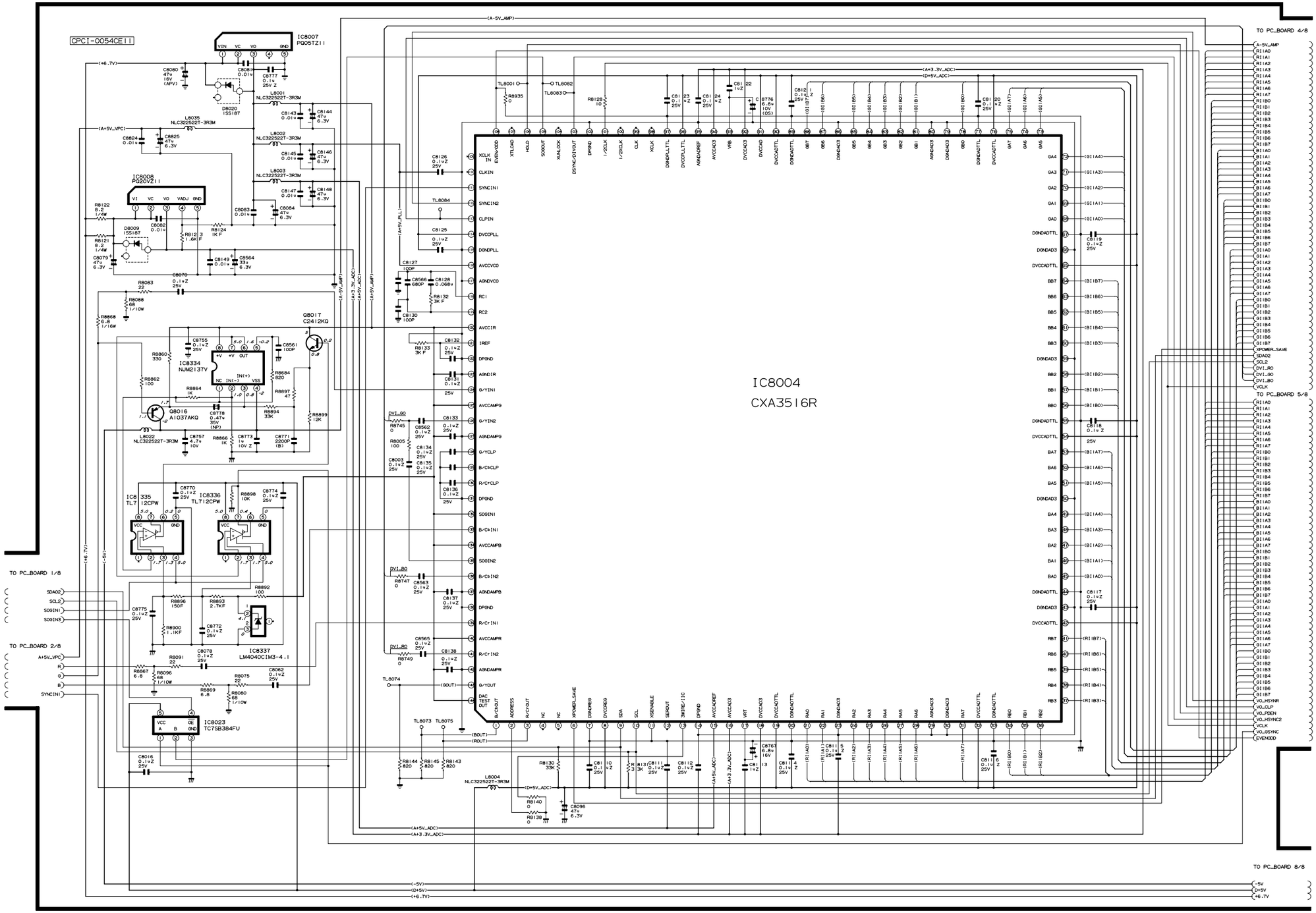

PC BOARD (1/8)
TO PC_BOARD 2/8
TO PC_BOARD 5/8
TO PC_BOARD 7/8
TO PC_BOARD 3/8
TO PC_BOARD 4/8
TO PC_BOARD 8/8
IC8001
1X3270CE
SH-7790
IC8003
AT24C128N-10SC-2.7
EEP ROM
IC8002
PST6001M
IC8019
PST623KW
IC8333
NC7ST08M
IC8052
TC7WH241FU
IC8306
HD74HCT125T
X8003
FXO-31FL
(11.8432MHz)
X8001
CX-5F
(6M)
FL8001
BM5100
CPCI-0054CE11

■ PC I/F UNIT-2/8


PC BOARD (2/8)
IC8027
IX3446CE
LH28F320S3NS-L11
IC8028
MSM51V18165D
CPCI-0054CE11
TL8128
R8656
4.7K
NORMAL
WRITE
S8001
IC8053
TC74LVX86FT
EXCLUSIVE OR
IC8302
74F153DB
IC8325
74F153DB
IC8338
VPC3230D
CONB001
WR-60P-VF-1
P8404
17903I-2
TO PC_BOARD 1/8
TO PC_BOARD 3/8
TO PC_BOARD 4/8
TO PC_BOARD 5/8
TO PC_BOARD 7/8
TO PC_BOARD 8/8
FSTATUS
CASH
CASL
RAS
-RESET
FLASHWP
FLWP
-WR/RD
-RD
-CSOFL
-ROMCS
(D+3.3V)
(D+5V)
A+5V_VPC
SELA
SI_V
DVI_V
VV_IN
PCV
SELPCH
CVBS
(SYNC)
(SYNCIN1)
(R)
(G)
(B)
(VV_IN)
(VH_IN)
(CSL)
(TEMP1)
(TEMP2)
(YSL)
(CVBS)
(FLWP)
(A20)
(RD)
(D+3.3V_DRAM)
A+5V_VPC

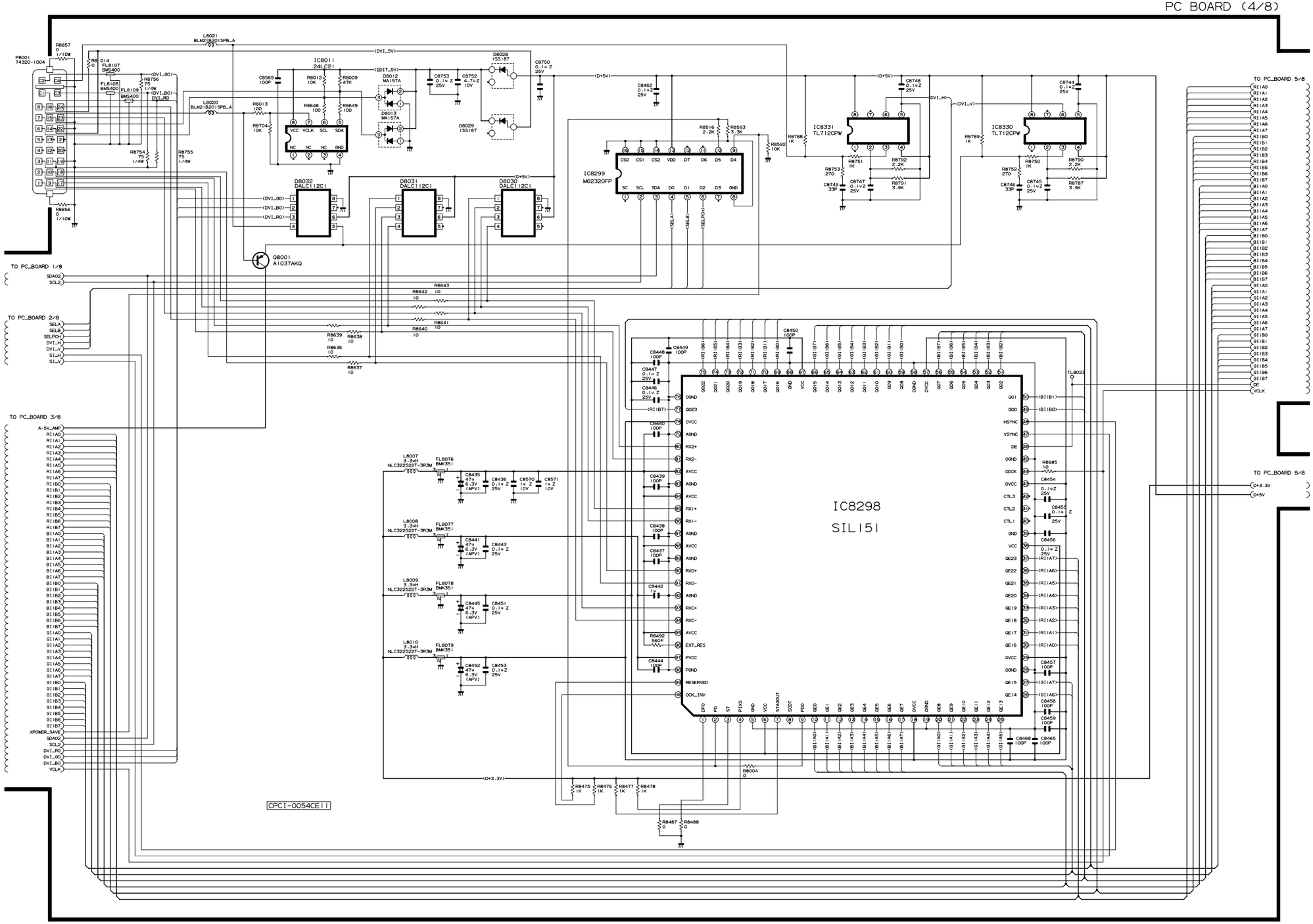
■ PC I/F UNIT-3/8

PC BOARD (3/8)

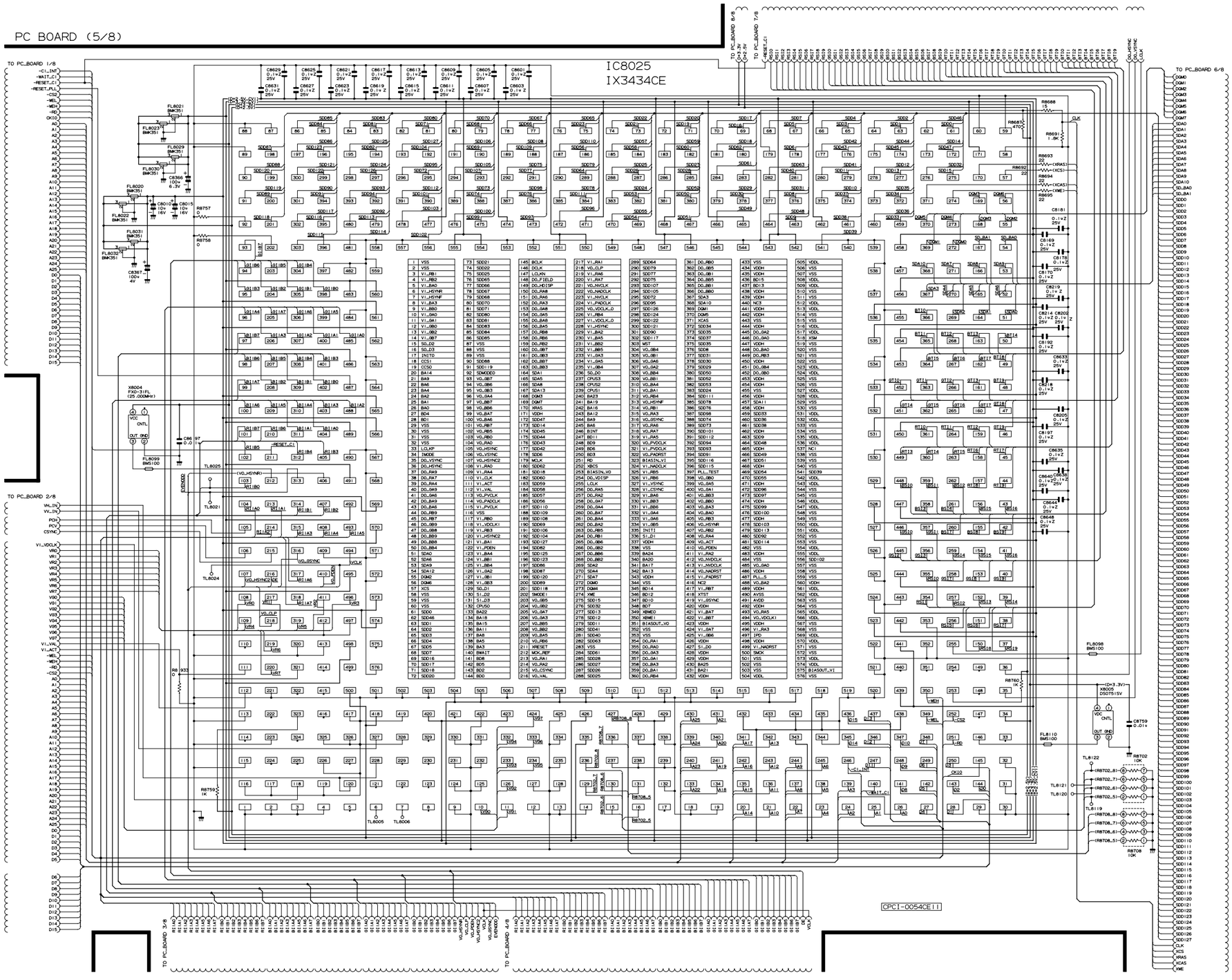


■ PC I/F UNIT-4/8

PC BOARD (4/8)

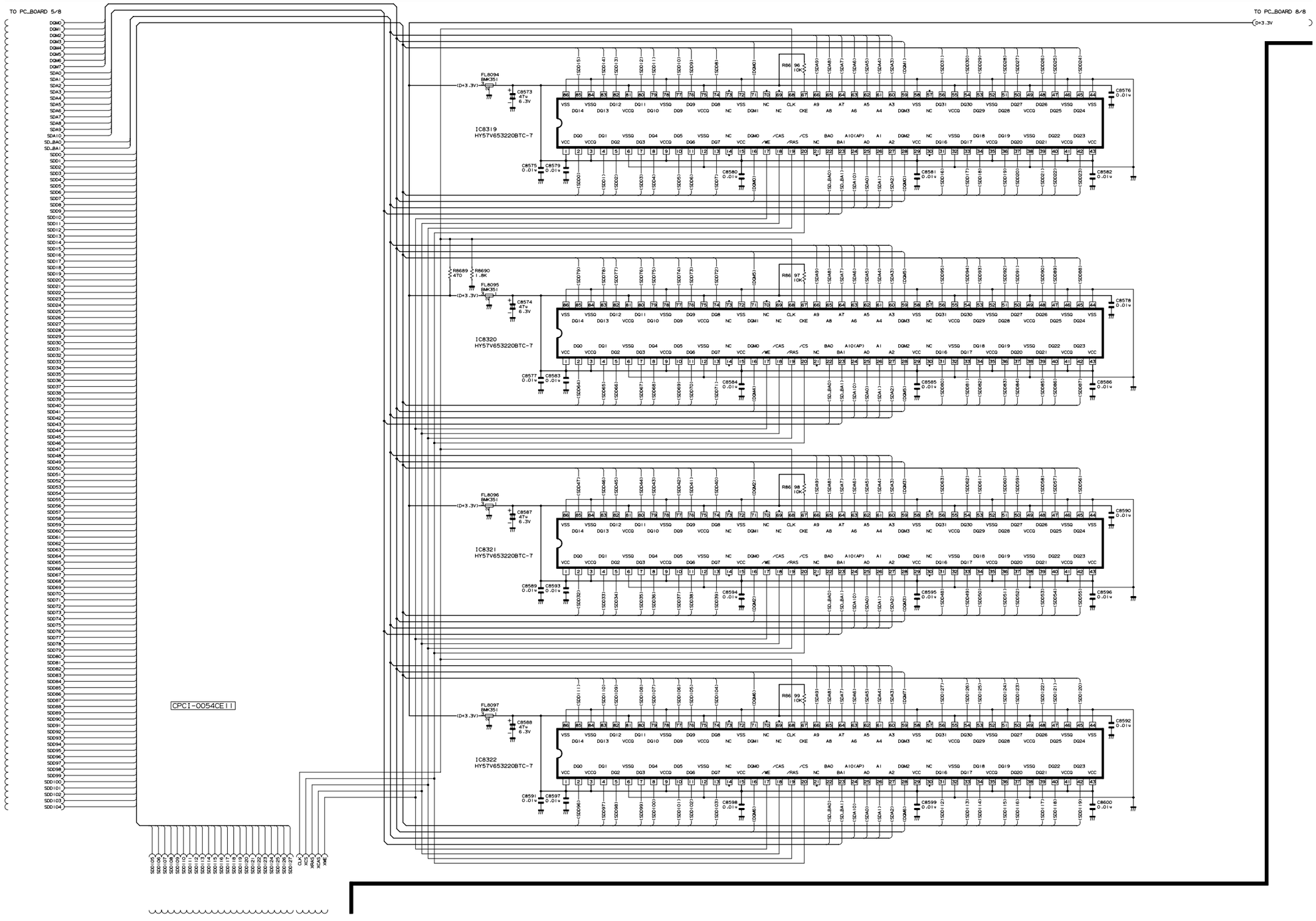


■ PC I/F UNIT-5/8


PC BOARD (5/8)
IC8025
IX3434CE
TO PC_BOARD 1/8
TO PC_BOARD 2/8
TO PC_BOARD 3/8
TO PC_BOARD 4/8
TO PC_BOARD 6/8
TO PC_BOARD 7/8
TO PC_BOARD 8/8
CPCI-0054CE11

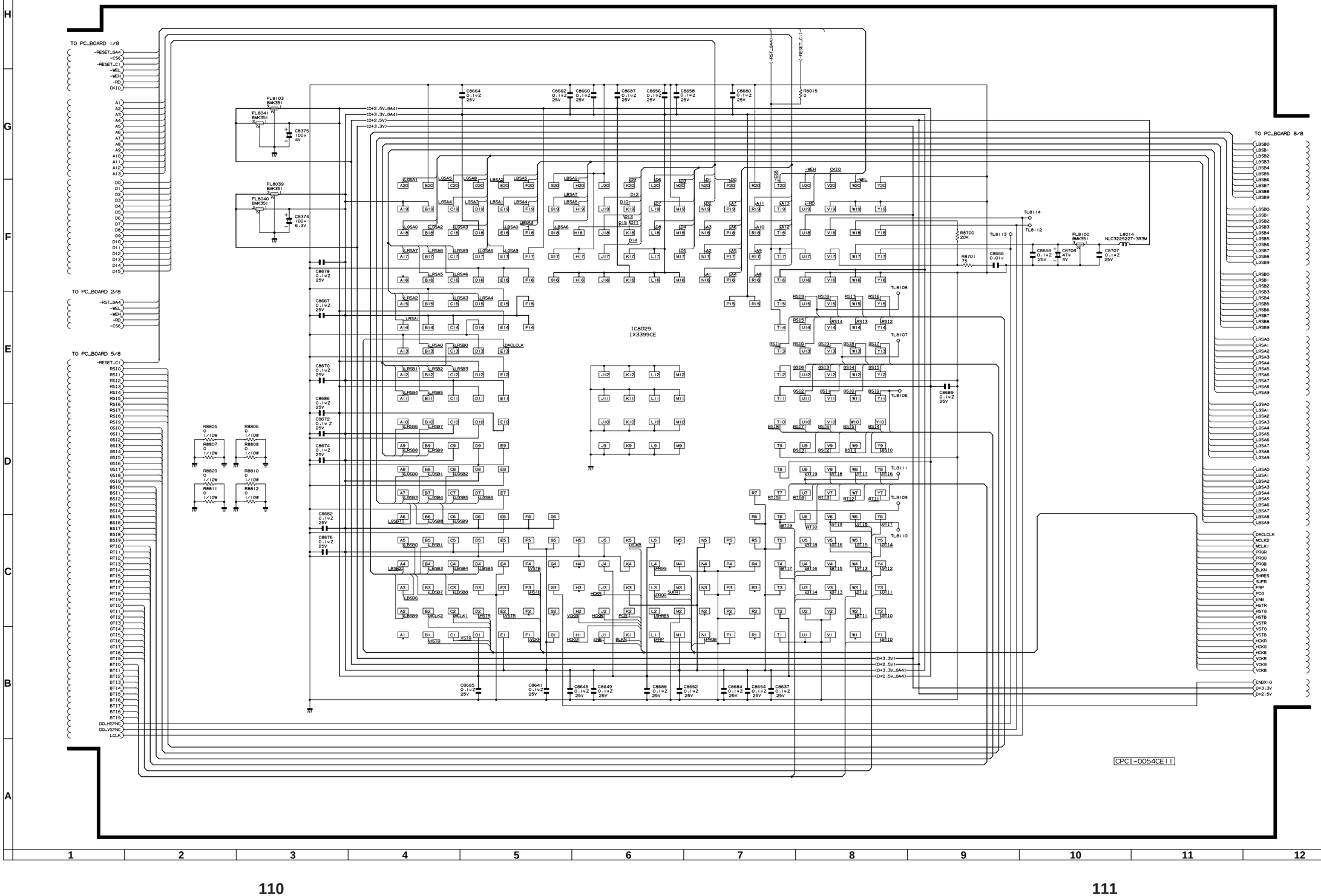
■ PC I/F UNIT-6/8

PC BOARD (6/8)

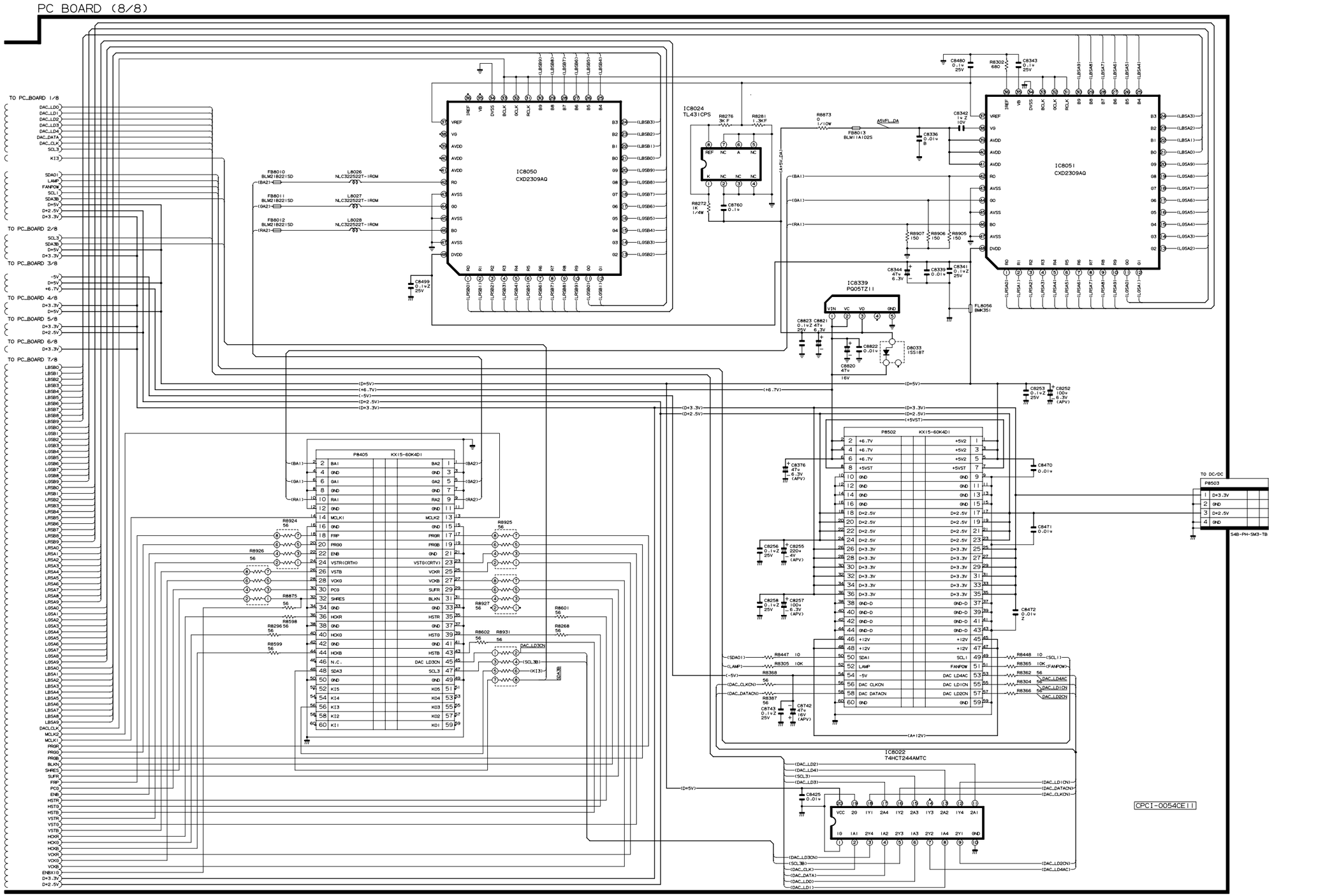


■ PC I/F UNIT-7/8

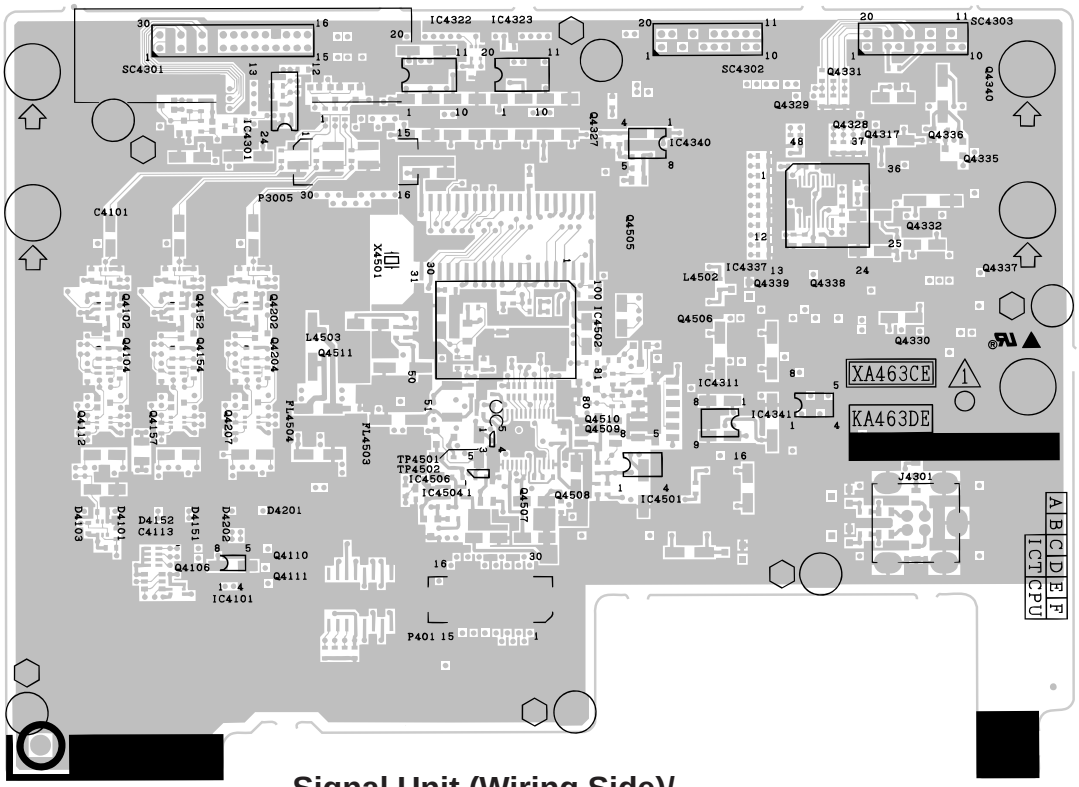
PC BOARD (7/8)



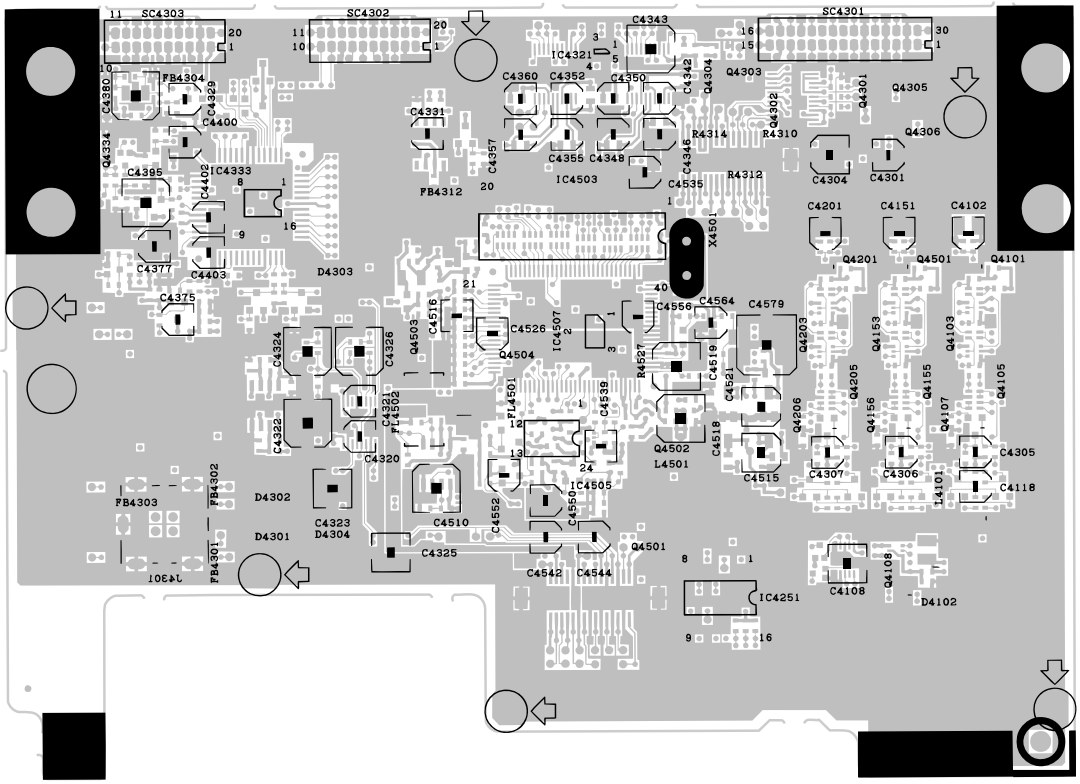
■ PC I/F UNIT-8/8


PC BOARD (8/8)
TO PC_BOARD 1/8
TO PC_BOARD 2/8
TO PC_BOARD 3/8
TO PC_BOARD 4/8
TO PC_BOARD 5/8
TO PC_BOARD 6/8
TO PC_BOARD 7/8
IC8050 CXD2309AQ
IC8051 CXD2309AQ
IC8024 TL431CPS
IC8339 PQ05TZ11
IC8022 74HCT244AMTC
P8405 KX15-60K4D1
P8502 KX15-60K4D1
P8503
TO DC/DC
S4B-PH-SM3-TB
CPCI-0054CE11

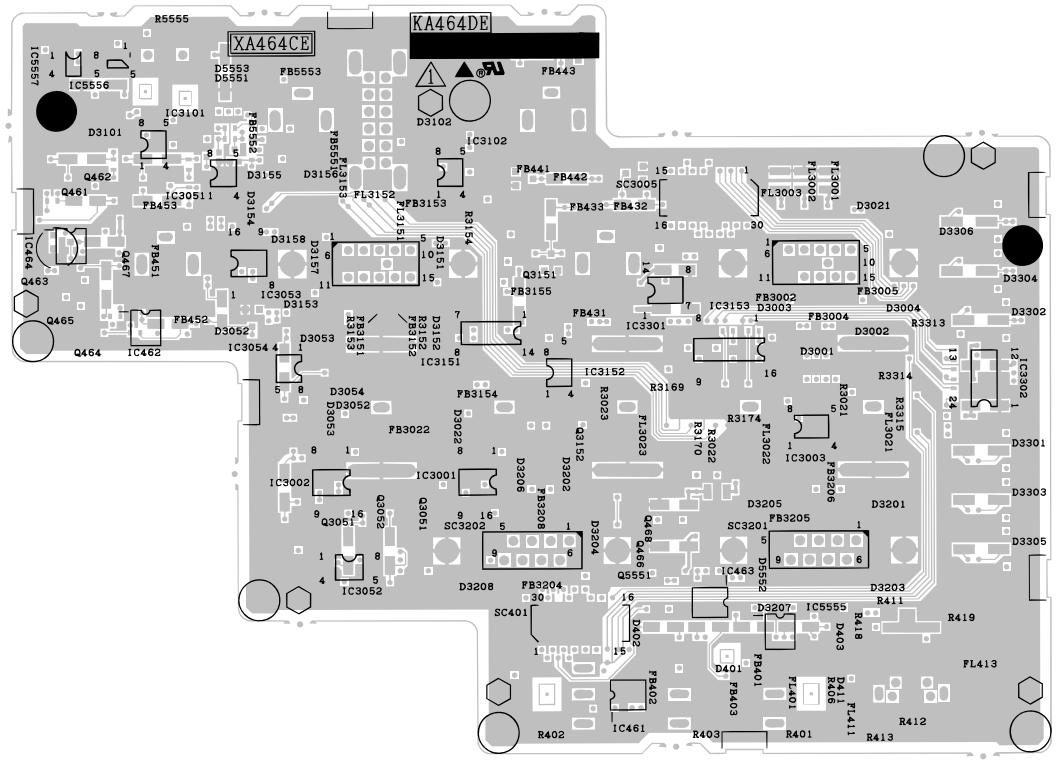
PRINTED WIRING BOARD ASSEMBLIES/ LEITERPLATTENEINHEITEN



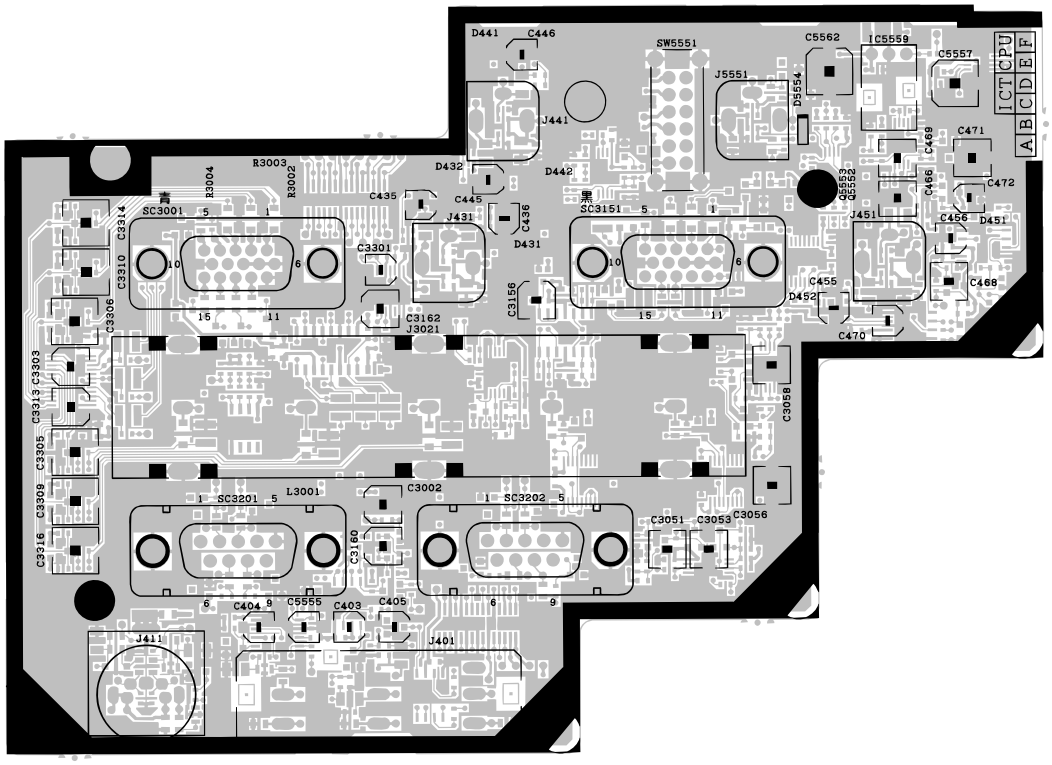
Signal Unit (Wiring Side)/
Signaleinheit (Leiterbahnseite)



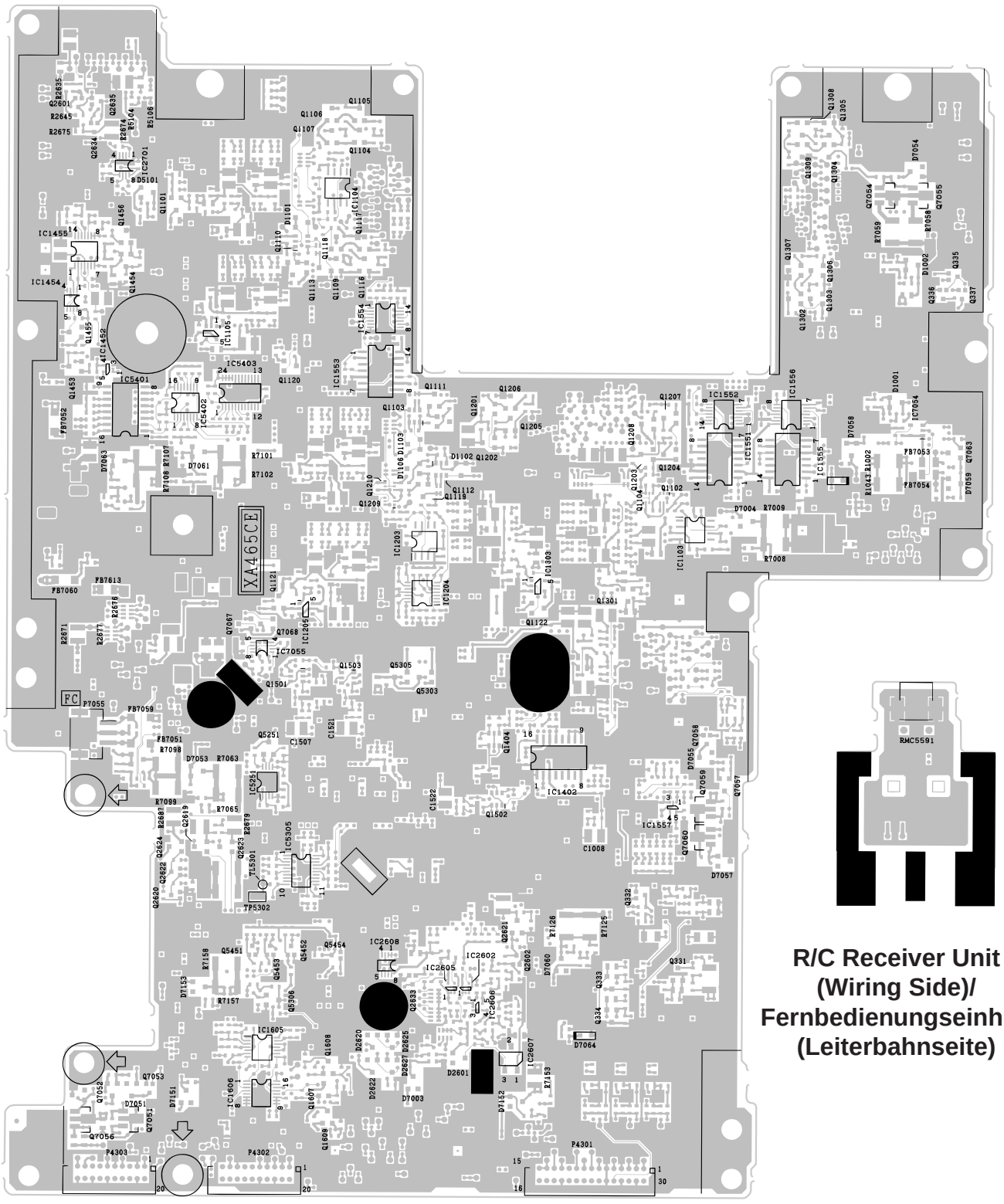
Signal Unit (Component Side)/
Signaleinheit (Bestückungsseite)



Input Unit (Wiring Side)/
Eingangseinheit (Leiterbahnseite)

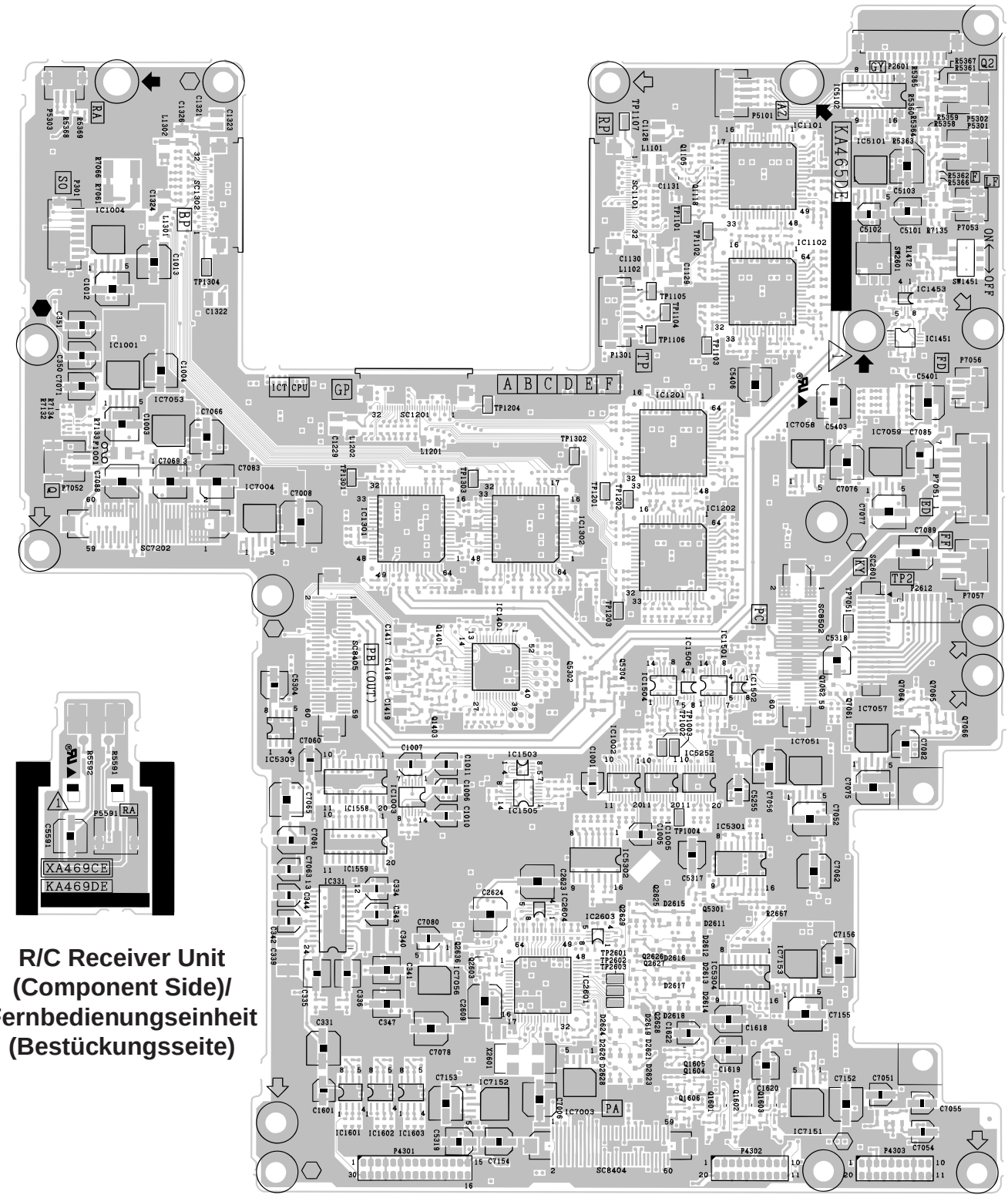


Input Unit (Component Side)/
Eingangseinheit (Bestückungsseite)



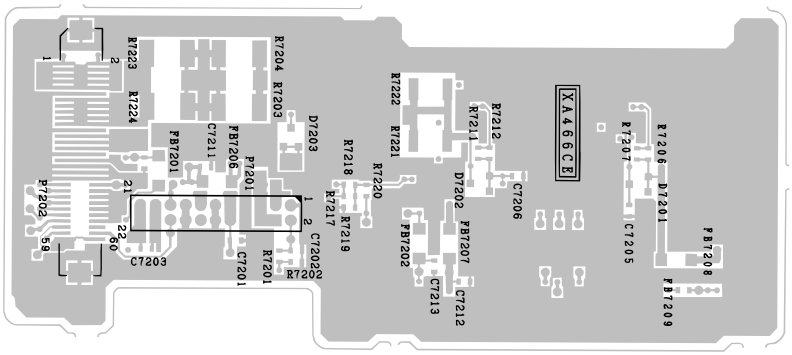
R/C Receiver Unit (Wiring Side)/ Fernbedienungseinheit (Leiterbahnseite)

Output Unit (Wiring Side)/ Ausgangseinheit (Leiterbahnseite)

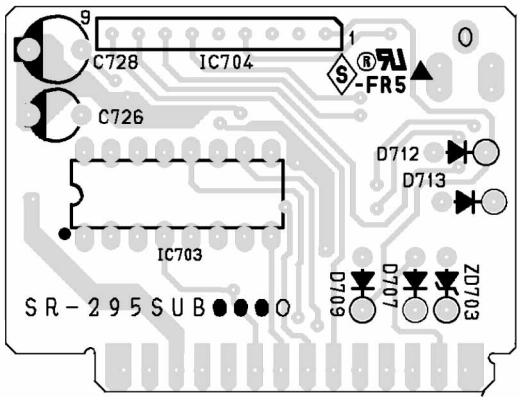


R/C Receiver Unit (Component Side)/ Fernbedienungseinheit (Bestückungsseite)

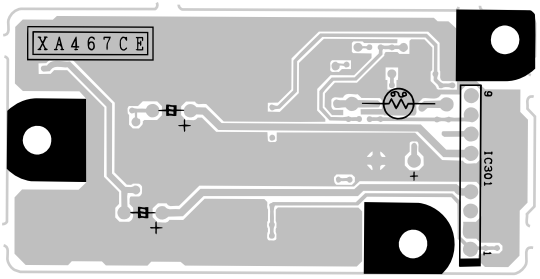
Output Unit (Component Side)/ Ausgangseinheit (Bestückungsseite)



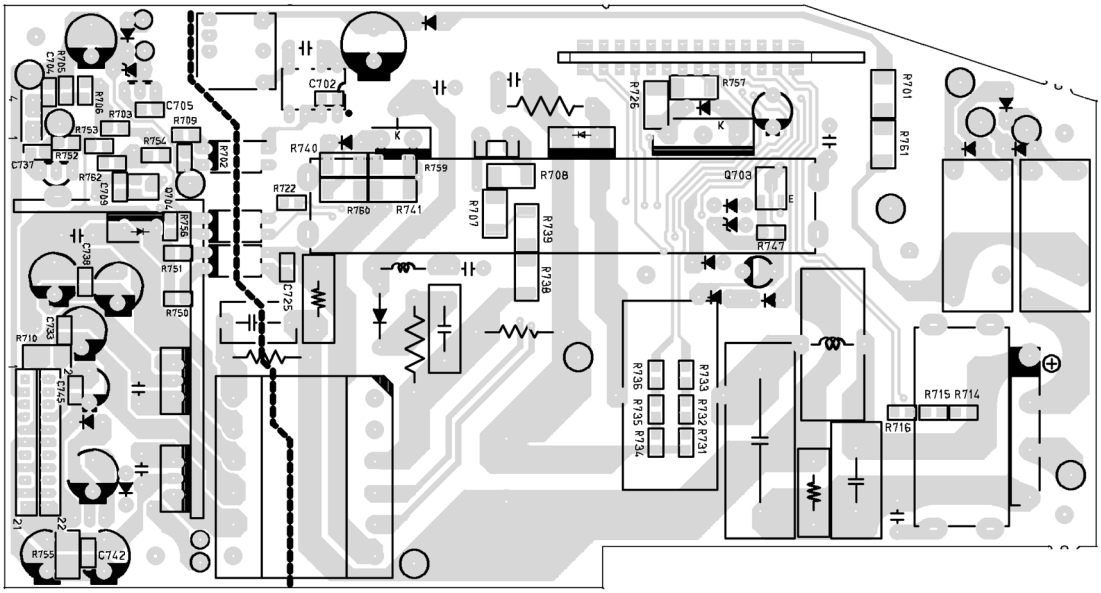
Output Sub Unit (Wiring Side)/
Ausgangs-Hilfseinheit(Leiterbahnseite)



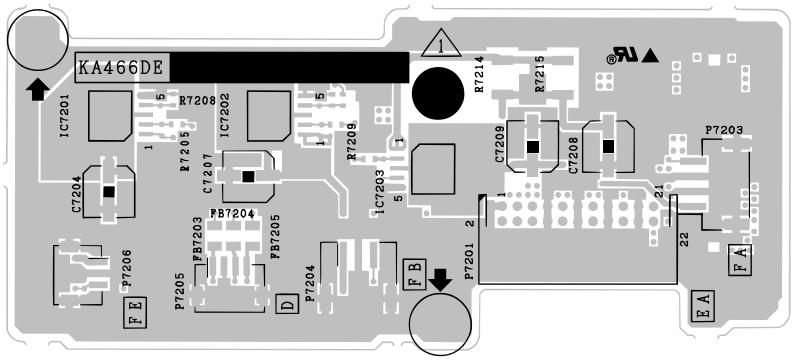
Power Sub Unit (Wiring Side)/
Netz-Hilfseinheit (Leiterbahnseite)



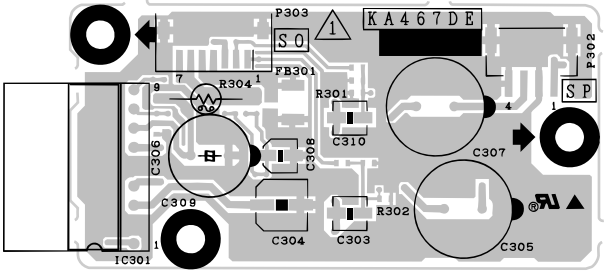
Sound Out Unit (Wiring Side)/
Tonausgangseinheit (Leiterbahnseite)



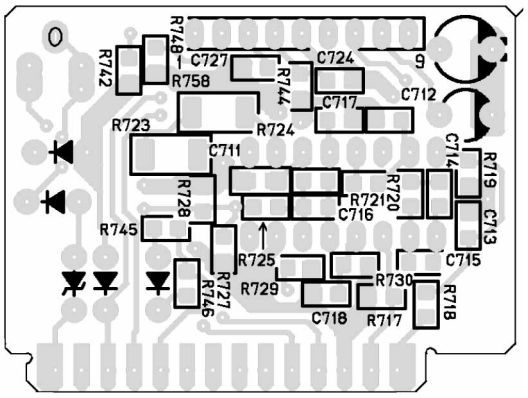
Power Unit (Wiring Side)/
Netzeinheit (Leiterbahnseite)



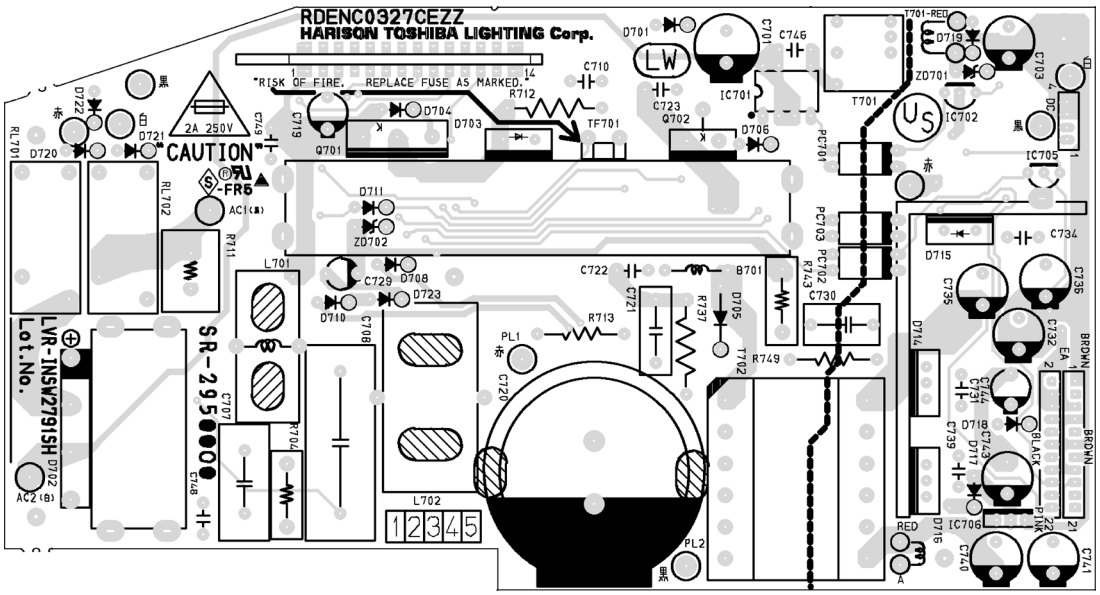
Output Sub Unit (Component Side)/
Ausgangs-Hilfseinheit(Bestückungsseite)



Sound Out Unit (Component Side)/
Tonausgangseinheit (Bestückungsseite)

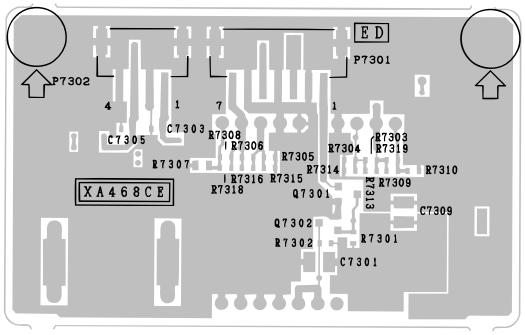


Power Sub Unit (Component Side)/
Netz-Hilfseinheit (Bestückungsseite)

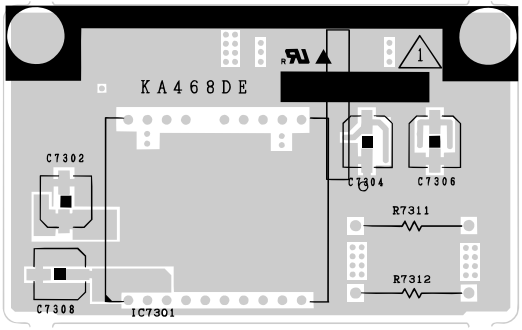


Power Unit (Component Side)/
Netzeinheit (Bestückungsseite)

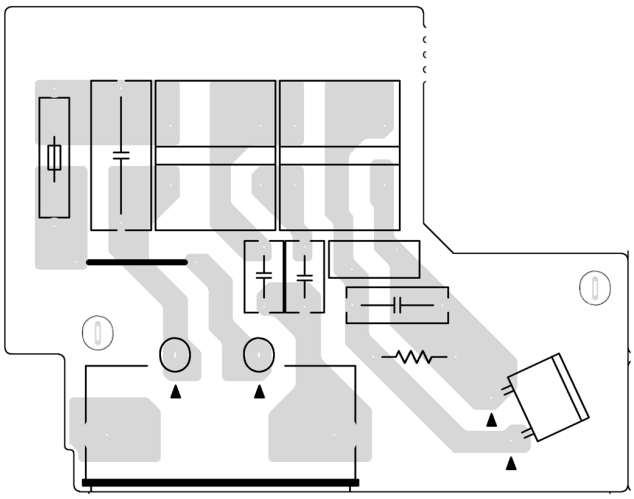
1	2	3	4	5	6



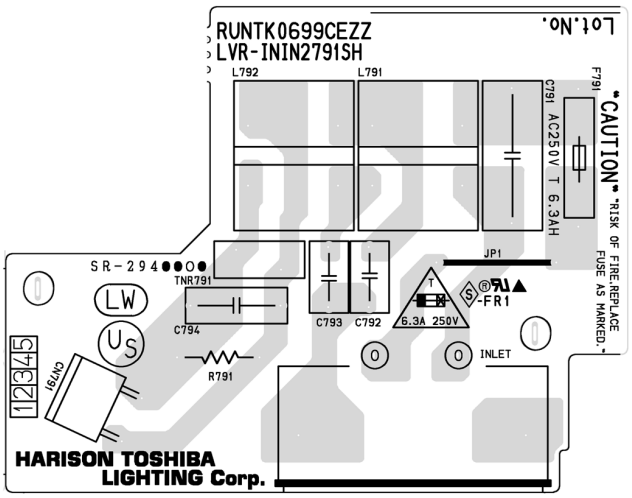
DC/DC Converter Unit (Wiring Side)/ DC/DC-Konverterseinheit (Leiterbahnseite)



DC/DC Converter Unit (Component Side)/ DC/DC-Konverterseinheit (Bestückungsseite)



Inlet Unit (Wiring Side)/ Eingangseinheit (Leiterbahnseite)



Inlet Unit (Component Side)/ Eingangseinheit (Bestückungsseite)

PARTS LIST

PARTS REPLACEMENT

Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION
5. CODE
6. QUANTITY

in **USA**: Contact your nearest SHARP Parts Distributor.
For location of SHARP Parts Distributor,
Please call Toll-Free; 1-800-BE-SHARP

in **CANADA**: Contact SHARP Electronics of Canada Limited
Phone (416) 890-2100.

★ MARK: SPARE PARTS-DELIVERY SECTION

ERSATZTEILLISTE

AUSTAUSCH VON TEILEN

Ersatzteile, die besondere Sicherheitseigenschften haben, sind in dieser Anleitung markiert. Elektrische Komponenten mit solchen Eigenshaften sind in den Ersatzteil durch "⚠" gekenn-zeichnet.
Der Gebrauch von Ersatzteilen, die nicht deselben Sicherheits-eigenschaften haben wie die vom Hersteller empfohlenen ud in der Bedienungsanleitung angegebenen, können zur Ursache von Blitzeinschlägen, Bränden und anderen Gefahren werden.

"WIE MAN ERSATSTEILE BESTELLT"

Damit Ihre Bestellung promt und korrekt ausgeführt wird, geben Sie bitte folgende Informationen.

1. MODELL NR.
2. REF. NR.
3. ERSATZTEIL NR.
4. BESCHREIBUNG
5. KODE
6. QUANTITÄT

★ MARKIERUNG : ERSATZTEILE-LIEFERUNG

Ref. No.	Part No.	★	Description	Code

LCD PANELS

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

	RLCDP0129CEZZ	J	LCD Module Unit, Red	DL
	RLCDP0130CEZZ	J	LCD Module Unit, Green	DL
	RLCDP0131CEZZ	J	LCD Module Unit, Blue	DL

PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)

	DUNTKA463DE11	–	Signal Unit	—
	DUNTKA464DE11	–	Input Unit	—
	DUNTKA465DE11	–	Output Unit	—
	DUNTKA466DE11	–	Output Sub Unit	—
	DUNTKA467DE11	–	Sound Out Unit	—
	DUNTKA468DE11	–	DC/DC Converter Unit	—
	DUNTKA469DE11	–	R/C Receiver Unit	—
	RDENCA013WJZZ	–	Power Unit	—
	RUNTKA024WJZZ	–	AC Inlet Unit	—
	CPCi-0054CE11	–	PC I/F Unit	—
	RDENCA014WJZZ	J	Ballast Unit (Unit Replacement)	

DUNTKA463DE11
SIGNAL UNIT

INTEGRATED CIRCUITS

IIC4101	VHiSN2G04CT-1	J	SN74AHC2G04HDC	AE
IC4251	VHiM62320FP-1	J	M62320FP	AK
IC4301	VHiAD8185++-1	J	AD8185ARU	AW
IC4311	VHiNJM2283V-1	J	NJM2283V	AG
IC4322	VHiMAX3224E-1	J	MAX3224ECAP	AU
IC4323	VHiMAX3224E-1	J	MAX3224ECAP	AU
IC4501	VHiTK15420/-1	J	TK15420MTL	AG
IC4502	VHiPD64082/-1	J	UPD64082GF-3BA	BC
IC4503	RH-iX3420CEZZ	J	MSM5416258B-28	AT
IC4507	VHiPST600iM-1	J	IC-PST600IMT	AE

TRANSISTORS

Q4101	VSHN1B04FU/-1	J	HN1B04FU	AC
Q4102	VSHN1B04FU/-1	J	HN1B04FU	AC
Q4103	VSDTC144EUA-1	J	DTC144EUA	AB
Q4104	VSHN1B04FU/-1	J	HN1B04FU	AC
Q4105	VSDTC144EUA-1	J	DTC144EUA	AB
Q4106	VSHN2C01FU/-1	J	HN2C01FU	AC
Q4107	VSHN2C01FU/-1	J	HN2C01FU	AC
Q4108	VSHN2C01FU/-1	J	HN2C01FU	AC
Q4109	VSHN1B04FU/-1	J	HN1B04FU	AC
Q4110	VSDTA114EU/-1	J	DTA114EU	AB
Q4111	VSDTC114EU/-1	J	DTC114EU	AB
Q4112	VS2SC2735//-1	J	2SC2735	AB
Q4151	VSHN1B04FU/-1	J	HN1B04FU	AC
Q4152	VSHN1B04FU/-1	J	HN1B04FU	AC
Q4153	VSDTC144EUA-1	J	DTC144EUA	AB
Q4154	VSHN1B04FU/-1	J	HN1B04FU	AC
Q4155	VSDTC144EUA-1	J	DTC144EUA	AB
Q4156	VSHN2C01FU/-1	J	HN2C01FU	AC
Q4157	VS2SC2735//-1	J	2SC2735	AB
Q4201	VSHN1B04FU/-1	J	HN1B04FU	AC
Q4202	VSHN1B04FU/-1	J	HN1B04FU	AC
Q4203	VSDTC144EUA-1	J	DTC144EUA	AB
Q4204	VSHN1B04FU/-1	J	HN1B04FU	AC
Q4205	VSDTC144EUA-1	J	DTC144EUA	AB
Q4206	VSHN2C01FU/-1	J	HN2C01FU	AC
Q4207	VS2SC2735//-1	J	2SC2735	AB
Q4301	VSDTA114EU/-1	J	DTA114EU	AB
Q4302	VSDTC114EU/-1	J	DTC114EU	AB
Q4303	VSDTC114EU/-1	J	DTC114EU	AB

DUNTKA463DE11
SIGNAL UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
Q4304	VSDTC114EU/-1	J	DTC114EU	AB
Q4305	VSDTC114EU/-1	J	DTC114EU	AB
Q4306	VSDTC114EU/-1	J	DTC114EU	AB
Q4317	VS2SC3928AR-1	J	2SC3928AR	AB
Q4330	VS2SC3928AR-1	J	2SC3928AR	AB
Q4332	VS2SC3928AR-1	J	2SC3928AR	AB
Q4334	VS2SC3928AR-1	J	2SC3928AR	AB
Q4340	VS2SA1530AR-1	J	2SA1530AR	AB
Q4501	VS2SA1530AR-1	J	2SA1530AR	AB
Q4502	VS2SA1530AR-1	J	2SA1530AR	AB
Q4503	VS2SA1530AR-1	J	2SA1530AR	AB
Q4504	VS2SA1530AR-1	J	2SA1530AR	AB
Q4505	VS2SA1530AR-1	J	2SA1530AR	AB
Q4508	VS2SC3928AR-1	J	2SC3928AR	AB
Q4509	VS2SA1530AR-1	J	2SA1530AR	AB
Q4510	VS2SC3928AR-1	J	2SC3928AR	AB
Q4511	VS2SA1530AR-1	J	2SA1530AR	AB

DODES

D4101	VHDMA157A//-1	J	Diode	AC
D4102	VHDiMN10///-1	J	Diode	AB
D4103	VHDMA157A//-1	J	Diode	AC
D4151	VHDMA157A//-1	J	Diode	AC
D4152	VHDMA157A//-1	J	Diode	AC
D4201	VHDMA157A//-1	J	Diode	AC
D4202	VHDMA157A//-1	J	Diode	AC
D4303	RH-EX0226CEZZ	J	Zener Diode	AB
D4304	RH-EX0226CEZZ	J	Zener Diode	AB

PACKAGED CIRCUIT

X4501	RCRSB0258CEZZ	J	Crystal	AG

FILTERS AND COILS

FL4501	RCiLV0108GEZZ	J	Filter	AG
FL4502	RCiLF0306CEZZ	J	Filter	AH
L4101	VP-1M220J2R9N	J	Peaking 22µH	AC
L4301	VP-1M220J2R9N	J	Peaking 22µH	AC
L4501	VP-1M220J2R9N	J	Peaking 22µH	AC
L4503	VP-1M4R7J1R2N	J	Peaking 4.7µH	AB

CAPACITORS

C4101	RC-KZA048WJZZ	J	10	25V	Ceramic	
C4102	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4104	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C4105	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C4106	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C4107	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C4108	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C4109	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C4110	VCCCCY1HH150J	J	15p	50V	Ceramic	AA
C4111	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C4112	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C4113	RC-KZA048WJZZ	J	10	25V	Ceramic	
C4114	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4115	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C4116	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C4117	VCKYCY1AF105Z	J	1	10V	Ceramic	AC
C4118	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4119	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4151	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4152	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4153	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C4154	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C4155	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C4156	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C4157	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C4158	VCCCCY1HH150J	J	15p	50V	Ceramic	AA
C4159	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C4160	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C4162	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C4163	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C4164	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4201	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4203	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C4204	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C4205	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C4206	VCCCCY1HH151J	J	150p	50V	Ceramic	AA
C4207	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C4208	VCCCCY1HH150J	J	15p	50V	Ceramic	AA
C4209	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C4210	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C4211	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4212	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C4213	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C4214	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4251	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4301	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4302	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4303	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4304	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C4305	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4306	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4307	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4308	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C4309	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C4310	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C4322	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C4323	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C4325	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C4327	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4328	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4330	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4341	VCKYTV1CB224K	J	0.22	16V	Ceramic	AB
C4343	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C4344	VCKYTV1CB105K	J	1	16V	Ceramic	AC
C4345	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4347	VCKYTV1CB105K	J	1	16V	Ceramic	AC
C4349	VCKYTV1CB105K	J	1	16V	Ceramic	AC
C4351	VCKYTV1CB224K	J	0.22	16V	Ceramic	AB
C4353	VCKYTV1CB105K	J	1	16V	Ceramic	AC
C4354	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4356	VCKYTV1CB105K	J	1	16V	Ceramic	AC
C4359	VCKYTV1CB105K	J	1	16V	Ceramic	AC
C4375	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4377	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4380	VCEAPF1HW106M	J	10	50V	Electrolytic	AB
C4405	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C4406	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C4407	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C4502	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4503	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C4504	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C4505	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C4506	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4507	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C4508	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4510	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C4511	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4515	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C4516	VCE9PF1HW105M	J	1	50V	Elect.(N.P)	AC
C4517	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4518	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C4519	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C4521	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C4522	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4523	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4524	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4525	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4526	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4527	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4528	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4529	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4530	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4531	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4532	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4533	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA

DUNTKA463DE11
SIGNAL UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
C4534	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4535	VCAAPC1AJ106M	J	10	10V	Electrolytic	
C4536	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4538	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4540	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4541	VCKYTV1CB334K	J	0.33	16V	Ceramic	AC
C4543	VCCCCY1HH471J	J	470p	50V	Ceramic	AA
C4554	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4556	VCEAPF1HW474M	J	0.47	50V	Electrolytic	AB
C4557	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4559	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4560	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4561	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4562	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C4563	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C4564	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C4565	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4566	VCCCCY1HH391J	J	390p	50V	Ceramic	AA
C4567	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4579	RC-EZ0363CEZZ	J	33	6.3V	Electrolytic	AC

RESISTORS

R4101	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R4102	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R4103	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R4104	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R4105	VRS-CA1JF101J	J	100	1/16W	Metal Oxide	AA
R4106	VRS-CA1JF221J	J	220	1/16W	Metal Oxide	AC
R4107	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R4108	VRS-CA1JF101J	J	100	1/16W	Metal Oxide	AA
R4109	VRS-CA1JF121J	J	120	1/16W	Metal Oxide	AA
R4110	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R4111	VRS-CB1JF820J	J	82	1/16W	Metal Oxide	AA
R4112	VRS-CB1JF181J	J	180	1/16W	Metal Oxide	
R4113	VRS-CY1JF431F	J	430	1/16W	Metal Oxide	AA
R4114	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R4115	VRS-CY1JF181J	J	180	1/16W	Metal Oxide	AA
R4116	VRS-CY1JF221J	J	220	1/16W	Metal Oxide	AA
R4117	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4118	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R4119	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R4120	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R4121	VRS-CY1JF470J	J	47	1/16W	Metal Oxide	AA
R4122	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R4123	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4124	VRS-CY1JF220J	J	22	1/16W	Metal Oxide	AA
R4125	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4151	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R4152	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R4153	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R4154	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R4155	VRS-CA1JF101J	J	100	1/16W	Metal Oxide	AA
R4156	VRS-CA1JF221J	J	220	1/16W	Metal Oxide	AC
R4157	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R4158	VRS-CA1JF101J	J	100	1/16W	Metal Oxide	AA
R4159	VRS-CA1JF121J	J	120	1/16W	Metal Oxide	AA
R4160	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R4161	VRS-CB1JF820J	J	82	1/16W	Metal Oxide	AA
R4162	VRS-CY1JF431F	J	430	1/16W	Metal Oxide	AA
R4163	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R4164	VRS-CY1JF181J	J	180	1/16W	Metal Oxide	AA
R4165	VRS-CY1JF220J	J	22	1/16W	Metal Oxide	AA
R4166	VRS-CY1JF470J	J	47	1/16W	Metal Oxide	AA
R4167	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R4168	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4169	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4201	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R4202	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R4203	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R4204	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R4205	VRS-CA1JF101J	J	100	1/16W	Metal Oxide	AA
R4206	VRS-CA1JF221J	J	220	1/16W	Metal Oxide	AC
R4207	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R4208	VRS-CA1JF101J	J	100	1/16W	Metal Oxide	AA
R4209	VRS-CA1JF121J	J	120	1/16W	Metal Oxide	AA
R4210	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R4211	VRS-CB1JF820J	J	82	1/16W	Metal Oxide	AA
R4212	VRS-CY1JF431F	J	430	1/16W	Metal Oxide	AA
R4213	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R4214	VRS-CY1JF181J	J	180	1/16W	Metal Oxide	AA
R4215	VRS-CY1JF220J	J	22	1/16W	Metal Oxide	AA
R4216	VRS-CY1JF470J	J	47	1/16W	Metal Oxide	AA
R4217	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R4218	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4219	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4251	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4253	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4255	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4301	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R4302	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R4303	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R4305	VRS-CY1JF750J	J	75	1/16W	Metal Oxide	AA
R4306	VRS-CY1JF750J	J	75	1/16W	Metal Oxide	AA
R4307	VRS-CY1JF750J	J	75	1/16W	Metal Oxide	AA
R4308	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4309	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R4310	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R4311	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4312	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R4313	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4314	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R4316	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R4317	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R4318	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R4319	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4320	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4336	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4337	VRS-CY1JF221J	J	220	1/16W	Metal Oxide	AA
R4338	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4348	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R4350	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R4359	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4360	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4364	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R4376	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R4377	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R4385	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4386	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4387	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R4388	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R4389	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4392	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4394	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R4398	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R4399	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R4401	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4425	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4426	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4427	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4429	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R4430	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R4431	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R4432	VRS-CY1JF911J	J	910	1/16W	Metal Oxide	AA
R4501	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R4502	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R4503	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R4504	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R4505	VRS-CY1JF561F	J	560	1/16W	Metal Oxide	AA
R4506	VRS-CY1JF911F	J	910	1/16W	Metal Oxide	AA
R4507	VRS-CY1JF122J	J	1.2k	1/16W	Metal Oxide	AA
R4508	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R4509	VRS-CY1JF431F	J	430	1/16W	Metal Oxide	AA
R4510	VRS-CY1JF911J	J	910	1/16W	Metal Oxide	AA
R4511	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R4512	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R4513	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code

DUNTKA463DE11
SIGNAL UNIT (Continued)

R4514	VRS-CY1JF152J	J	1.5k 1/16W Metal Oxide	AA
R4515	VRS-CY1JF102J	J	1k 1/16W Metal Oxide	AA
R4516	VRS-CY1JF391J	J	390 1/16W Metal Oxide	AA
R4517	VRS-CY1JF562J	J	5.6k 1/16W Metal Oxide	AA
R4518	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R4519	VRS-CY1JF102J	J	1k 1/16W Metal Oxide	AA
R4520	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R4521	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R4522	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R4523	VRS-CY1JF100J	J	10 1/16W Metal Oxide	AA
R4524	VRS-CY1JF102J	J	1k 1/16W Metal Oxide	AA
R4525	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R4527	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R4528	VRS-TV1JD5R6J	J	5.6 1/16W Metal Oxide	AA
R4530	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4531	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R4532	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4533	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4535	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4537	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R4538	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R4539	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R4540	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4541	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R4542	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R4543	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R4544	VRS-CB1JF101J	J	100 1/16W Metal Oxide	AA
R4550	VRS-CY1JF221J	J	220 1/16W Metal Oxide	AA
R4551	VRS-CY1JF473J	J	47k 1/16W Metal Oxide	AA
R4552	VRS-CY1JF224J	J	220k 1/16W Metal Oxide	AA
R4554	VRS-CY1JF102J	J	1k 1/16W Metal Oxide	AA
R4555	VRS-CY1JF222J	J	2.2k 1/16W Metal Oxide	AA
R4557	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R4558	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R4559	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4565	VRS-CY1JF182J	J	1.8k 1/16W Metal Oxide	AA
R4566	VRS-CY1JF182J	J	1.8k 1/16W Metal Oxide	AA
R4568	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R4569	VRS-CY1JF271J	J	270 1/16W Metal Oxide	AA
R4570	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA
R4571	VRS-CY1JF102J	J	1k 1/16W Metal Oxide	AA
R4574	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4575	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4576	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4577	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA
R4578	VRS-CY1JF471J	J	470 1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

FB4304	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB4501	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB4502	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB4503	RBLN-0061TAZZ	J	Ferrite Bead	AD
FB4504	RBLN-0061TAZZ	J	Ferrite Bead	AD
P401	QPLGZ3044CEZZ	J	Plug, 32-pin	AH
P3005	QPLGZ3044CEZZ	J	Plug, 32-pin	AH
SC4301	QCNCW3026TAZZ	J	Socket, 30-pin	AF
SC4302	QCNCW2026TAZZ	J	Socket, 20-pin	AE
SC4303	QCNCW2026TAZZ	J	Socket, 20-pin	AE

DUNTKA464DE11
INPUT UNIT

INTEGRATED CIRCUITS

IC461	VHiNJM2245M-1	J	NJM2245M	AF
IC462	VHiNJM2245M-1	J	NJM2245M	AF
IC463	VHiNJM2245M-1	J	NJM2245M	AF
IC464	VHiNJM2245M-1	J	NJM2245M	AF
IC3001	VHiLV4053AT-1	J	SN74LV4053APWR	AE
IC3002	VHiLV4053AT-1	J	SN74LV4053APWR	AE
IC3003	VHi24LC21//-1	J	24LC21T	AN
IC3051	VHiNJM2903V-1	J	NJM2903V	AD
IC3053	VHiTHC4538T-1	J	TC74HC4538AFT	AL
IC3101	VHiTL712CPW-1	J	TL712CPWR	AL
IC3102	VHiTL712CPW-1	J	TL712CPWR	AL
IC3151	VHiAD8013AR-1	J	Ad8013Ar-14	AV
IC3152	VHiTL712CPW-1	J	Tl712CPWR	AL
IC3153	VHiLT1399CS-1Y	J	LT1399CS	AU
IC3301	VHiLV125AT+-1	J	SN74LV125APWR	AE
IC3302	VHiAD8185++-1	J	AD8185ARU	AW
IC5555	VHiNJM2245M-1	J	NJM2245M	AF
IC5556	VHiTC7S08F/-1	J	TC7S08F	AC
IC5557	VHiSN2G53CT-1	J	SN74AHC2G53HDC	AE
IC5559	RRMCU0233CEZZ	J	R/C Receiver	AF

TRANSISTORS

Q461	VS2SA1530AR-1	J	2SA1530AR	AB
Q462	VS2SC3928AR-1	J	2SC3928AR	AB
Q463	VSDTC144EUA-1	J	DTC144EUA	AB
Q464	VS2SA1530AR-1	J	2SA1530AR	AB
Q465	VSDTC144EUA-1	J	DTC144EUA	AB
Q466	VSDTC144EUA-1	J	DTC144EUA	AB
Q467	VS2SC3928AR-1	J	2SC3928AR	AB
Q468	VSDTC144EUA-1	J	DTC144EUA	AB
Q3151	VSDTA114EU/-1	J	DTA114EU	AB
Q3152	VSDTC144EUA-1	J	DTC144EUA	AB
Q5551	VSDTC144EKA-1	J	DTC144EKA	AB
Q5552	VSDTC144EUA-1	J	DTC144EUA	AB
Q5553	VSDTC144EUA-1	J	DTC144EUA	AB

DIODES

D401	RH-EX0226CEZZ	J	Zener Diode	AB
D402	RH-EX0226CEZZ	J	Zener Diode	AB
D403	RH-EX0226CEZZ	J	Zener Diode	AB
D431	RH-EX0226CEZZ	J	Zener Diode	AB
D432	RH-EX0226CEZZ	J	Zener Diode	AB
D441	RH-EX0226CEZZ	J	Zener Diode	AB
D442	RH-EX0226CEZZ	J	Zener Diode	AB
D451	RH-EX0226CEZZ	J	Zener Diode	AB
D452	RH-EX0226CEZZ	J	Zener Diode	AB
D3001	VHDMA157A//-1	J	Diode	AC
D3002	VHDMA157A//-1	J	Diode	AC
D3003	VHDMA157A//-1	J	Diode	AC
D3004	VHDMA157A//-1	J	Diode	AC
D3021	VHDMA157A//-1	J	Diode	AC
D3022	VHDMA157A//-1	J	Diode	AC
D3023	VHDMA157A//-1	J	Diode	AC
D3151	VHDMA157A//-1	J	Diode	AC
D3152	VHDMA157A//-1	J	Diode	AC
D3153	VHDMA157A//-1	J	Diode	AC
D3154	VHDMA157A//-1	J	Diode	AC
D3155	VHDMA152WA/-1	J	Diode	AA
D3156	VHDMA157A//-1	J	Diode	AC
D3157	VHDMA157A//-1	J	Diode	AC
D3158	VHDMA152WA/-1	J	Diode	AA
D3201	VHDMA3120WA-1	J	Diode	AK
D3202	VHDMA3120WA-1	J	Diode	AK
D3203	VHDMA3120WA-1	J	Diode	AK
D3204	VHDMA3120WA-1	J	Diode	AK
D3205	VHDMA3120WA-1	J	Diode	AK
D3206	VHDMA3120WA-1	J	Diode	AK
D3207	VHDMA3120WA-1	J	Diode	AK
D3208	VHDMA3120WA-1	J	Diode	AK
D3301	VHDMA157A//-1	J	Diode	AC

DUNTKA464DE11
INPUT UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
D3302	VHDMA157A//-1	J	Diode	AC
D3303	VHDMA157A//-1	J	Diode	AC
D3304	VHDMA157A//-1	J	Diode	AC
D3305	VHDMA157A//-1	J	Diode	AC
D3306	VHDMA157A//-1	J	Diode	AC
D5551	VHDMA3120WA-1	J	Diode	AK
D5552	RH-EX0226CEZZ	J	Zener Diode	AB
D5553	VHDMA3120WA-1	J	Diode	AK
D5554	VHDF01J2E//-1	J	Diode	AC

FILTERS AND COIL

Ref. No.	Part No.	★	Description	Code
FL401	RFiLN0017TAZZ	J	Filter	AC
FL412	RFiLN0017TAZZ	J	Filter	AC
FL413	RFiLN0514CEZZ	J	Filter	AE
FL3001	RFiLN0003TAZZ	J	Filter	AD
FL3002	RFiLN0003TAZZ	J	Filter	AD
FL3003	RFiLN0003TAZZ	J	Filter	AD
FL3021	RFiLN0003TAZZ	J	Filter	AD
FL3022	RFiLN0003TAZZ	J	Filter	AD
FL3023	RFiLN0003TAZZ	J	Filter	AD
FL3151	RFiLN0003TAZZ	J	Filter	AD
FL3152	RFiLN0003TAZZ	J	Filter	AD
FL3153	RFiLN0003TAZZ	J	Filter	AD
L3001	VP-1M100J1R6N	J	Peaking 10µH	AC

CAPACITORS

Ref. No.	Part No.	★				Code
C401	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C402	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C403	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C404	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C405	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C406	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C431	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C433	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C435	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C436	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C441	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C443	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C445	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C446	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C451	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C453	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C455	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C456	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C461	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C462	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C463	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C464	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C465	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C466	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C467	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C468	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C469	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C470	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C471	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C472	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3001	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3002	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3003	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3004	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3052	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3054	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3057	VCKYCY1HB472K	J	4700p	50V	Ceramic	AA
C3059	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3060	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3101	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3102	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3103	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3104	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3105	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3106	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3153	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3155	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3156	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3157	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3158	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3159	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3160	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C3161	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3162	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C3163	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3301	VCEAPF0JW226M	J	22	6.3V	Electrolytic	AB
C3302	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3303	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C3304	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3305	VCE9PF0JW476M	J	47	6.3V	Elect.(N.P)	AD
C3306	VCE9PF0JW476M	J	47	6.3V	Elect.(N.P)	AD
C3307	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3308	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3309	VCE9PF0JW476M	J	47	6.3V	Elect.(N.P)	AD
C3310	VCE9PF0JW476M	J	47	6.3V	Elect.(N.P)	AD
C3311	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3312	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3313	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C3314	VCE9PF0JW476M	J	47	6.3V	Elect.(N.P)	AD
C3315	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C3316	VCE9PF0JW476M	J	47	6.3V	Elect.(N.P)	AD
C3317	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3318	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5551	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5552	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5555	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C5557	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C5558	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5559	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5560	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5562	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C5563	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA

RESISTORS

Ref. No.	Part No.	★				Code
R401	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R402	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R403	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R404	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R405	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R406	VRS-TQ2BD750J	J	75	1/8W	Metal Oxide	AA
R407	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R408	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R409	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R411	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R412	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R414	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R415	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R418	VRS-TQ2BD750J	J	75	1/8W	Metal Oxide	AA
R419	VRS-TQ2BD750J	J	75	1/8W	Metal Oxide	AA
R421	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R422	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R431	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R432	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R433	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R434	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R435	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R441	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R442	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R443	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R444	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R445	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R451	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R452	VRS-CY1JF105J	J	1M	1/16W	Metal Oxide	AA
R453	VRS-CY1JF105J	J	1M	1/16W	Metal Oxide	AA
R454	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R455	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R461	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R462	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R463	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R464	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA

DUNTKA464DE11

INPUT UNIT (Continued)

Ref. No.	Part No.	★		Description	Code
R465	VRS-CY1JF682J	J	6.8k	1/16W Metal Oxide	AA
R466	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R467	VRS-CY1JF562J	J	5.6k	1/16W Metal Oxide	AA
R468	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R469	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R470	VRS-CY1JF682J	J	6.8k	1/16W Metal Oxide	AA
R471	VRS-CY1JF272J	J	2.7k	1/16W Metal Oxide	AA
R472	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R473	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R474	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R476	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R477	VRS-CY1JF562J	J	5.6k	1/16W Metal Oxide	AA
R478	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R479	VRS-CY1JF272J	J	2.7k	1/16W Metal Oxide	AA
R480	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R481	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R482	VRS-CY1JF153J	J	15k	1/16W Metal Oxide	AA
R483	VRS-CY1JF153J	J	15k	1/16W Metal Oxide	AA
R484	VRS-CY1JF153J	J	15k	1/16W Metal Oxide	AA
R485	VRS-CY1JF153J	J	15k	1/16W Metal Oxide	AA
R3002	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3003	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3004	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3006	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R3007	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R3008	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R3009	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3010	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R3011	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3012	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3013	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3021	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3022	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3023	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3024	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R3025	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R3054	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R3055	VRS-CY1JF333J	J	33k	1/16W Metal Oxide	AA
R3059	VRS-CY1JF153J	J	15k	1/16W Metal Oxide	AA
R3062	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R3065	VRS-CY1JF000J	J	0	1/16W Metal Oxide	AA
R3067	VRS-CY1JF000J	J	0	1/16W Metal Oxide	AA
R3068	VRS-CY1JF153J	J	15k	1/16W Metal Oxide	AA
R3069	VRS-CY1JF333J	J	33k	1/16W Metal Oxide	AA
R3077	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R3084	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R3085	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R3101	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R3102	VRS-CY1JF271J	J	270	1/16W Metal Oxide	AA
R3104	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R3105	VRS-CY1JF330J	J	33	1/16W Metal Oxide	AA
R3106	VRS-CY1JF392J	J	3.9k	1/16W Metal Oxide	AA
R3108	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R3109	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R3110	VRS-CY1JF271J	J	270	1/16W Metal Oxide	AA
R3112	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R3113	VRS-CY1JF330J	J	33	1/16W Metal Oxide	AA
R3114	VRS-CY1JF392J	J	3.9k	1/16W Metal Oxide	AA
R3116	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R3152	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3153	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3154	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3155	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R3156	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R3158	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R3160	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R3161	VRS-CY1JF271J	J	270	1/16W Metal Oxide	AA
R3162	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R3163	VRS-CY1JF330J	J	33	1/16W Metal Oxide	AA
R3164	VRS-CY1JF392J	J	3.9k	1/16W Metal Oxide	AA
R3165	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R3166	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R3167	VRS-CY1JF361J	J	360	1/16W Metal Oxide	AA
R3168	VRS-CY1JF361J	J	360	1/16W Metal Oxide	AA
R3169	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3170	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3171	VRS-TV1JD000J	J	0	1/16W Metal Oxide	AA
R3172	VRS-CY1JF361J	J	360	1/16W Metal Oxide	AA
R3173	VRS-TV1JD000J	J	0	1/16W Metal Oxide	AA
R3174	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3175	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R3201	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3202	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3203	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3204	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3205	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3206	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3207	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3208	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R3301	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R3302	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R3303	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R3305	VRS-CY1JF750J	J	75	1/16W Metal Oxide	AA
R3309	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R3310	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R3311	VRS-CY1JF750J	J	75	1/16W Metal Oxide	AA
R3313	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3314	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3315	VRS-TW2ED750J	J	75	1/4W Metal Oxide	AA
R3316	VRS-CY1JF750J	J	75	1/16W Metal Oxide	AA
R3320	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R3321	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R3322	VRS-CY1JF121J	J	120	1/16W Metal Oxide	AA
R3323	VRS-CY1JF121J	J	120	1/16W Metal Oxide	AA
R3325	VRS-CY1JF121J	J	120	1/16W Metal Oxide	AA
R3336	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R3339	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5551	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide	AA
R5552	VRS-CY1JF154J	J	150k	1/16W Metal Oxide	AA
R5554	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R5555	VRS-TX2HF220J	J	22	1/2W Metal Oxide	AB
R5556	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5557	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R5558	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5559	VRS-CY1JF000J	J	0	1/16W Metal Oxide	AA
R5561	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide	AA
R5562	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA

MISCELLANEOUS PARTS

FB401	RBLN-0059CEZZ	J	Ferrtie Bead	AB
FB402	RBLN-0062CEZZ	J	Ferrtie Bead	AC
FB403	RBLN-0062CEZZ	J	Ferrtie Bead	AC
FB432	RBLN-0062CEZZ	J	Ferrtie Bead	AC
FB433	RBLN-0062CEZZ	J	Ferrtie Bead	AC
FB442	RBLN-0062CEZZ	J	Ferrtie Bead	AC
FB443	RBLN-0062CEZZ	J	Ferrtie Bead	AC
FB452	RBLN-0062CEZZ	J	Ferrtie Bead	AC
FB453	RBLN-0062CEZZ	J	Ferrtie Bead	AC
FB3001	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB3002	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB3003	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB3004	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB3005	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB3021	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB3022	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB3151	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB3152	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB3153	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB3154	RBLN-0059CEZZ	J	Ferrtie Bead	AB
FB3155	RBLN-0059CEZZ	J	Ferrtie Bead	AB
FB3201	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB3202	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB3203	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB3204	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB3205	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB3206	RBLN-0060TAZZ	J	Ferrtie Bead	AB

Ref. No.	Part No.	★	Description	Code

DUNTKA464DE11
INPUT UNIT (Continued)

FB3207	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB3208	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB5551	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB5552	RBLN-0060TAZZ	J	Ferrtie Bead	AB
FB5553	RBLN-0060TAZZ	J	Ferrtie Bead	AB
J401	QJAKG0064CEZZ	J	A/V Input Terminal	AG
J411	QSOCD0403GEZZ	J	S-Video Terminal	AE
J431	QJAKJ0008GEZZ	J	Computer Audio Input Terminal	AD
J441	QJAKJ0008GEZZ	J	Computer Audio Input Terminal	AD
J451	QJAKJ0008GEZZ	J	Audio Output Terminal	AD
J3021	QTANZ0632CEZZ	J	Input Terminal	AR
J5551	QJAKJ0007TAZZ	J	Wired Remote Control Input Termnal	AC
SC401	QSOCZ3043CEZZ	J	Socket, 30-pin	AG
SC3001	QSOCN0448FJZZ	J	Input Port	AM
SC3005	QSOCZ3043CEZZ	J	Socket, 30-pin	AG
SC3151	QSOCN0344FJZZ	J	Output Port	AM
SC3201	QSOCN0345FJZZ	J	RS-232C Input Port	AM
SC3202	QSOCN0345FJZZ	J	RS-233C Output Port	AM
	PSLDM4661CEFW	J	Shield	AL
	QEARP0093CEFN	J	Angle	AE

DUNTKA465DE11
OUTPUT UNIT

INTEGRATED CIRCUITS

IC331	VHiTA8184F/-1	J	TA8184F	AN
IC1001	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC1002	VHiMB8346BV-1	J	MB88346BPFV	AN
IC1003	VHiNJM2060V-1	J	NJM2060V	AF
IC1004	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC1005	VHiM62352GP-1	J	M62352GP	AQ
IC1101	VHiCXA3512R-1	J	CXA3512R-T6	BB
IC1102	VHiCXA3512R-1	J	CXA3512R-T6	BB
IC1105	VHiTC4S66F/-1	J	TC4S66F	AD
IC1201	VHiCXA3512R-1	J	CXA3512R-T6	BB
IC1202	VHiCXA3512R-1	J	CXA3512R-T6	BB
IC1204	VHiNJM2902V-1	J	NJM2902V	AD
IC1205	VHiTC4S66F/-1	J	TC4S66F	AD
IC1301	VHiCXA3512R-1	J	CXA3512R-T6	BB
IC1302	VHiCXA3512R-1	J	CXA3512R-T6	BB
IC1303	VHiTC4S66F/-1	J	TC4S66F	AD
IC1401	VHiCXA2111R-1	J	CXA2111R	BB
IC1551	RH-iX1952CEZZ	J	74F86SJ	AD
IC1552	VHi74HCT125-1	J	HD74HCT125T	AF
IC1553	RH-iX1952CEZZ	J	74F86SJ	AD
IC1554	VHi74HCT125-1	J	HD74HCT125T	AF
IC1555	RH-iX1952CEZZ	J	74F86SJ	AD
IC1556	VHi74HCT125-1	J	HD74HCT125T	AF
IC1557	VHiT7SET08U-1	J	TC7SET08FU	AE
IC1558	VHiHCT541AF-1	J	TC74HCT541AF	AG
IC1559	VHiHCT541AF-1	J	TC74HCT541AF	AG
IC2601	RH-iX3548CEZZ	J	MB89537APFM-G	
IC2602	VHiT7SET08U-1	J	TC7SET08FU	AE
IC2603	VHiT7WH241U-1	J	TC7WH241FU	AF
IC2604	VHiT7WH241U-1	J	TC7WH241FU	AF
IC2605	VHiT7SET08U-1	J	TC7SET08FU	AE
IC2606	VHiT7SET08U-1	J	TC7SET08FU	AE
IC2607	VHiPST600iM-1	J	IC-PST600IMT	AE
IC5101	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC5102	VHiLB1831M/-1	J	LB1831M	AN
IC5252	VHiM62352GP-1	J	M62352GP	AQ
IC5301	VHiM62320FP-1	J	M62320FP	AK
IC5302	VHiM62320FP-1	J	M62320FP	AK
IC5303	VHiBR24C64F-1	J	BR24C64F-E2	AL
IC5304	VHiM62320FP-1	J	M62320FP	AK
IC5305	VHiM62352GP-1	J	M62352GP	AQ
IC5401	VHiCA1875AM-1	J	CXA1875AM	AQ
IC5402	VHiSNHC153T-1	J	SN74HC153PW	AK
IC5403	VHiLM81++++-1	J	LM81CIMT-3	AS
IC7003	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC7004	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC7051	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC7053	VHiPQ05SZ51-1	J	PQ05SZ51	AG
IC7054	RH-iX2296CEZZ	J	TC7S66F	AD
IC7055	VHiTC4W66U/-1	J	TC4W66FU	AF
IC7056	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC7057	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC7058	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC7059	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC7151	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC7153	RH-iX2204CEZZ	J	PQ12TZ11	AG

TRANSISTORS

Q331	VS2SC3928AR-1	J	2SC3928AR	AB
Q333	VS2SA1530AR-1	J	2SA1530AR	AB
Q334	VS2SA1530AR-1	J	2SA1530AR	AB
Q335	VSDTA114EU/-1	J	DTA114EU	AB
Q336	VSDTC114EU/-1	J	DTC114EU	AB
Q337	VSDTC114EU/-1	J	DTC114EU	AB
Q1101	VS2SA1530AR-1	J	2SA1530AR	AB
Q1106	VS2SC3928AR-1	J	2SC3928AR	AB
Q1107	VS2SA1530AR-1	J	2SA1530AR	AB
Q1108	VS2SC3928AR-1	J	2SC3928AR	AB
Q1109	VS2SA1530AR-1	J	2SA1530AR	AB
Q1114	VS2SC3928AR-1	J	2SC3928AR	AB
Q1115	VS2SA1530AR-1	J	2SA1530AR	AB
Q1116	VS2SC3928AR-1	J	2SC3928AR	AB
Q1117	VS2SA1530AR-1	J	2SA1530AR	AB
Q1201	VS2SC3928AR-1	J	2SC3928AR	AB
Q1202	VS2SA1530AR-1	J	2SA1530AR	AB
Q1203	VS2SC3928AR-1	J	2SC3928AR	AB
Q1204	VS2SA1530AR-1	J	2SA1530AR	AB
Q1205	VS2SC3928AR-1	J	2SC3928AR	AB
Q1206	VS2SA1530AR-1	J	2SA1530AR	AB
Q1207	VS2SC3928AR-1	J	2SC3928AR	AB
Q1208	VS2SA1530AR-1	J	2SA1530AR	AB
Q1301	VS2SA1530AR-1	J	2SA1530AR	AB
Q1302	VS2SC3928AR-1	J	2SC3928AR	AB
Q1303	VS2SA1530AR-1	J	2SA1530AR	AB
Q1304	VS2SC3928AR-1	J	2SC3928AR	AB
Q1305	VS2SA1530AR-1	J	2SA1530AR	AB
Q1306	VS2SC3928AR-1	J	2SC3928AR	AB
Q1307	VS2SA1530AR-1	J	2SA1530AR	AB
Q1308	VS2SC3928AR-1	J	2SC3928AR	AB
Q1309	VS2SA1530AR-1	J	2SA1530AR	AB
Q1401	VS2SC2735//-1	J	2SC2735	AB
Q1402	VS2SC2735//-1	J	2SC2735	AB
Q1403	VS2SC2735//-1	J	2SC2735	AB
Q1404	VSiMT2/////-1	J	IMT2/////	AB
Q1601	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1602	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1603	VSHN1B04FU/-1	J	HN1B04FU	AC
Q1607	VS2SC3928AR-1	J	2SC3928AR	AB
Q1608	VS2SC3928AR-1	J	2SC3928AR	AB
Q1609	VS2SC3928AR-1	J	2SC3928AR	AB
Q2602	VSDTC144EUA-1	J	DTC144EUA	AB
Q2603	VSDTC114EU/-1	J	DTC114EU	AB
Q2619	VS2SC3928AR-1	J	2SC3928AR	AB
Q2621	VS2SC3928AR-1	J	2SC3928AR	AB
Q2623	VS2SC3928AR-1	J	2SC3928AR	AB
Q2624	VS2SC3928AR-1	J	2SC3928AR	AB
Q2636	VS2SC3928AR-1	J	2SC3928AR	AB
Q5301	VSDTC144EUA-1	J	DTC144EUA	AB
Q5302	VS2SC2735//-1	J	2SC2735	AB
Q5303	VS2SC2735//-1	J	2SC2735	AB
Q5304	VS2SC2735//-1	J	2SC2735	AB
Q5305	VS2SC2735//-1	J	2SC2735	AB
Q5306	VS2SC3928AR-1	J	2SC3928AR	AB
Q5451	VSDTC144EUA-1	J	DTC144EUA	AB

DUNTKA465DE11
OUTPUT UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
Q5452	VSDTC144EUA-1	J	DTC144EUA	AB
Q5453	VSDTC144EUA-1	J	DTC144EUA	AB
Q5454	VSDTA114EU/-1	J	DTA114EU	AB
Q7051	VS2SD1664R/-1	J	2SD1664R	AC
Q7052	VS2SA1530AR-1	J	2SA1530AR	AB
Q7053	VSDTC114EU/-1	J	DTC114EU	AB
Q7054	VS2SD1664R/-1	J	2SD1664R	AC
Q7055	VS2SD1664R/-1	J	2SD1664R	AC
Q7056	VS2SB1132Q/-1	J	2SB1132Q	AC
Q7057	VS2SA1530AR-1	J	2SA1530AR	AB
Q7058	VSDTC114EU/-1	J	DTC114EU	AB
Q7059	VS2SD1664R/-1	J	2SD1664R	AC
Q7060	VS2SB1132Q/-1	J	2SB1132Q	AC
Q7061	VSDTA114EU/-1	J	DTA114EU	AB
Q7062	VSDTC114EU/-1	J	DTC114EU	AB
Q7063	VS2SC3928AR-1	J	2SC3928AR	AB
Q7064	VSDTC144EUA-1	J	DTC144EUA	AB
Q7065	VSDTC144EUA-1	J	DTC144EUA	AB
Q7066	VS2SC3928AR-1	J	2SC3928AR	AB
Q7067	VSBSN20////-1	J	BSN20////	AD
Q7068	VSBSN20////-1	J	BSN20////	AD

DIODES

D1001	VHDDAN202K/-1	J	Diode	AB
D1002	VHDDAN202K/-1	J	Diode	AB
D2601	VHDMA3120WA-1	J	Diode	AK
D2611	VHDRB425D//-1	J	Diode	AD
D2612	VHDRB425D//-1	J	Diode	AD
D2613	VHDRB425D//-1	J	Diode	AD
D2614	VHDRB425D//-1	J	Diode	AD
D2615	VHDMA153///-1	J	Diode	AB
D2616	VHDMA153///-1	J	Diode	AB
D2617	VHDMA153///-1	J	Diode	AB
D2618	VHDMA153///-1	J	Diode	AB
D2619	VHDRB425D//-1	J	Diode	AD
D2620	VHDRB425D//-1	J	Diode	AD
D2621	VHDRB425D//-1	J	Diode	AD
D2622	VHDRB425D//-1	J	Diode	AD
D2623	VHDRB425D//-1	J	Diode	AD
D2624	VHDMA153///-1	J	Diode	AB
D2625	VHDMA153///-1	J	Diode	AB
D2626	VHDMA153///-1	J	Diode	AB
D2627	VHDMA153///-1	J	Diode	AB
D2628	VHDMA153///-1	J	Diode	AB
D5101	VHDDAN202K/-1	J	Diode	AB
D7004	VHDDAN202K/-1	J	Diode	AB
D7051	VHDDAN202K/-1	J	Diode	AB
D7052	RH-EX0519CEZZ	J	Zener Diode	AB
D7053	VHDDAN202K/-1	J	Diode	AB
D7055	VHDDAN202K/-1	J	Diode	AB
D7057	RH-EX0519CEZZ	J	Zener Diode	AB
D7058	VHDDAN202K/-1	J	Diode	AB
D7059	RH-EX0228CEZZ	J	Zener Diode	AB
D7060	VHDDAN202K/-1	J	Diode	AB
D7061	VHDDAN202K/-1	J	Diode	AB
D7062	VHDDAN202K/-1	J	Diode	AB
D7063	VHDDAN202K/-1	J	Diode	AB
D7064	RH-EX0858CEZZ	J	Zener Diode	AC
D7065	VHDF01J2E//-1	J	Diode	AC
D7151	VHDDAN202K/-1	J	Diode	AB
D7153	VHDDAN202K/-1	J	Diode	AB

PACKAGED CIRCUIT

X2601	RCRSB0286CEZZ	J	Crystal	AH

COILS

L1101	VP-1M100J1R6N	J	Peaking 10µH	AC
L1102	VP-1M100J1R6N	J	Peaking 10µH	AC
L1201	VP-1M100J1R6N	J	Peaking 10µH	AC
L1202	VP-1M100J1R6N	J	Peaking 10µH	AC
L1301	VP-1M100J1R6N	J	Peaking 10µH	AC
L1302	VP-1M100J1R6N	J	Peaking 10µH	AC

CAPACITORS

C331	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C332	VCKYTV1CF105Z	J	1	16V	Ceramic	AB
C333	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C334	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C337	VCFRED1HM822J	J	8200p	50V	MLFT	AD
C338	VCFRED1HM822J	J	8200p	50V	MLFT	AD
C341	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C342	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C343	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C344	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C345	VCKYCY1AF105Z	J	1	10V	Ceramic	AC
C346	VCKYTV1CF105Z	J	1	16V	Ceramic	AB
C347	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C348	VCKYTV1CF105Z	J	1	16V	Ceramic	AB
C349	VCKYCY1CF154Z	J	0.15	16V	Ceramic	AB
C350	VCEAPF1HW475M	J	4.7	50V	Electrolytic	AB
C351	VCEAPF1HW475M	J	4.7	50V	Electrolytic	AB
C354	VCKYTV1CB334K	J	0.33	16V	Ceramic	AC
C355	VCKYTV1CB334K	J	0.33	16V	Ceramic	AC
C1001	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C1003	VCEAPF1VW226M	J	22	35V	Electrolytic	AB
C1004	VCEAPF1VW226M	J	22	35V	Electrolytic	AB
C1006	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C1007	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C1008	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1011	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C1012	VCEAPF1VW226M	J	22	35V	Electrolytic	AB
C1013	VCEAPF1VW226M	J	22	35V	Electrolytic	AB
C1103	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1104	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1105	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1106	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1107	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1108	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1109	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1110	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1111	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1112	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1113	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1114	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1115	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1119	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1120	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1126	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1127	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1128	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1129	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1130	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1131	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1132	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1133	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1134	VCKYCY1AF105Z	J	1	10V	Ceramic	AC
C1135	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1136	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1203	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1204	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1205	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1206	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1207	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1208	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1209	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1210	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1211	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1212	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1213	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1214	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1216	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1217	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1222	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1223	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1224	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1225	RC-KZA048WJZZ	J	10	25V	Ceramic	

DUNTKA465DE11
OUTPUT UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
C1226	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1227	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1228	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1229	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1230	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1231	VCKYCY1AF105Z	J	1	10V	Ceramic	AC
C1232	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1233	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1303	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1304	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1305	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1306	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1307	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1308	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1309	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1310	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1311	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1312	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1313	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1314	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1315	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1317	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1318	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1320	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1321	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1322	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1323	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1324	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1325	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1326	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1327	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1328	VCKYCY1AF105Z	J	1	10V	Ceramic	AC
C1329	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1330	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1401	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1402	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1403	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1404	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1405	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1406	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1407	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1409	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1413	VCCCCY1HH5R0C	J	5p	50V	Ceramic	AA
C1414	VCCCCY1HH5R0C	J	5p	50V	Ceramic	AA
C1415	VCCCCY1HH5R0C	J	5p	50V	Ceramic	AA
C1416	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1417	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1418	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1419	RC-KZA048WJZZ	J	10	25V	Ceramic	
C1423	VCCCCY1HH121J	J	120p	50V	Ceramic	AA
C1424	VCCCCY1HH121J	J	120p	50V	Ceramic	AA
C1425	VCCCCY1HH121J	J	120p	50V	Ceramic	AA
C1426	VCKYCY1AF105Z	J	1	10V	Ceramic	AC
C1466	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1551	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1552	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1553	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1554	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1555	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1556	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1558	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1559	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1560	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1561	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1564	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1565	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1566	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1567	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1568	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1569	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1570	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1571	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1572	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1573	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1611	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1612	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1621	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1622	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C2601	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2603	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C2604	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C2606	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C2607	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C2608	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C2609	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C2610	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C2611	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C2612	VCFYEC1CM104J	J	0.1	16V	Mylar	AD
C2622	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C2623	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C2624	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C2625	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C2627	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5102	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C5103	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C5104	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5105	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5107	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5108	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5109	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5110	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5301	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5302	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5303	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5304	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C5305	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5306	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5307	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5308	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5310	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5314	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5316	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5317	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C5318	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C5319	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C5320	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5401	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C5402	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5403	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C5404	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5405	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5406	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C7005	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7006	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C7007	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7008	VCEAPK0JN227M	J	220	6.3V	Electrolytic	AD
C7051	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C7052	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C7053	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7054	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C7055	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C7056	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C7057	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7060	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C7061	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C7062	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C7063	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C7064	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7065	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C7066	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C7067	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7068	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7069	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C7070	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7071	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C7072	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA

DUNTKA465DE11
OUTPUT UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
C7073	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7074	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7075	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C7076	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C7077	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C7078	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C7079	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7080	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C7081	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7082	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C7083	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C7084	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7085	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C7086	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7088	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C7090	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7091	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C7092	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C7136	RC-KZA048WJZZ	J	10	25V	Ceramic	
C7151	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7152	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C7155	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C7156	VCEAPF1CW107M	J	100	16V	Electrolytic	AD

RESISTORS

R331	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R332	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R333	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R334	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R335	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R336	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R337	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R338	VRS-TV1JD222J	J	2.2k	1/16W	Metal Oxide	AA
R339	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R340	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R342	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R344	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R345	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R346	VRS-TV1JD222J	J	2.2k	1/16W	Metal Oxide	AA
R347	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R348	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R349	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R350	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R351	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R352	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R353	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R354	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1001	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1002	VRS-TX2HF4R7J	J	4.7	1/2W	Metal Oxide	AB
R1003	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1004	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1005	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1007	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1008	VRS-CY1JF123F	J	12k	1/16W	Metal Oxide	AA
R1009	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1010	VRS-CY1JF102F	J	1k	1/16W	Metal Oxide	AA
R1011	VRS-CY1JF510F	J	51	1/16W	Metal Oxide	AA
R1012	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R1013	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1014	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R1015	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R1016	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1017	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R1018	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1019	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1020	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1021	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1022	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R1023	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1024	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1025	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R1027	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R1028	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1029	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1030	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1031	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1032	VRS-CY1JF123F	J	12k	1/16W	Metal Oxide	AA
R1033	VRS-CY1JF102F	J	1k	1/16W	Metal Oxide	AA
R1034	VRS-CY1JF221J	J	220	1/16W	Metal Oxide	AA
R1035	VRS-TV1JD4R7J	J	4.7	1/16W	Metal Oxide	AA
R1036	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R1037	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1038	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R1042	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1043	VRS-TX2HF4R7J	J	4.7	1/2W	Metal Oxide	AB
R1103	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1106	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1107	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1108	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R1109	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R1111	VRS-CY1JF181J	J	180	1/16W	Metal Oxide	AA
R1112	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R1114	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1142	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1145	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R1161	VRS-CY1JF680J	J	68	1/16W	Metal Oxide	AA
R1162	VRS-CY1JF680J	J	68	1/16W	Metal Oxide	AA
R1168	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1171	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R1178	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1179	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1182	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R1183	VRS-CY1JF470J	J	47	1/16W	Metal Oxide	AA
R1184	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1185	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1186	VRS-TV1JD270J	J	27	1/16W	Metal Oxide	AA
R1189	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R1194	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1195	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1203	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1206	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R1207	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R1208	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1209	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1211	VRS-CY1JF181J	J	180	1/16W	Metal Oxide	AA
R1212	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R1214	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1244	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1248	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R1264	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1266	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R1267	VRS-CY1JF470J	J	47	1/16W	Metal Oxide	AA
R1270	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1273	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1274	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1276	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R1279	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1280	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1282	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1283	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1284	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R1285	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R1287	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R1289	VRS-CY1JF203J	J	20k	1/16W	Metal Oxide	AA
R1290	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R1292	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1293	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1294	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1295	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1296	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1303	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1304	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1305	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1306	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1307	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R1308	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA

DUNTKA465DE11
OUTPUT UNIT (Continued)

Ref. No.	Part No.	★		Description	Code
R1309	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R1311	VRS-CY1JF181J	J	180	1/16W Metal Oxide	AA
R1312	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R1314	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1328	VRS-CY1JF000J	J	0	1/16W Metal Oxide	AA
R1340	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1349	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R1364	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1366	VRS-CY1JF560J	J	56	1/16W Metal Oxide	AA
R1367	VRS-CY1JF560J	J	56	1/16W Metal Oxide	AA
R1368	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R1371	VRS-CY1JF470J	J	47	1/16W Metal Oxide	AA
R1373	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R1374	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R1375	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1377	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R1378	VRS-TV1JD270J	J	27	1/16W Metal Oxide	AA
R1379	VRS-CY1JF272J	J	2.7k	1/16W Metal Oxide	AA
R1382	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1383	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1384	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1385	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1386	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1387	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1388	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1389	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1390	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1391	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1392	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1393	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1394	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R1397	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1398	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1399	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1401	VRS-CY1JF223J	J	22k	1/16W Metal Oxide	AA
R1402	VRS-CY1JF223J	J	22k	1/16W Metal Oxide	AA
R1403	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1404	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1405	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1406	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1408	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1409	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1410	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R1411	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R1412	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1413	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R1414	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R1415	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1416	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R1417	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R1418	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1419	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1420	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1425	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1426	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1427	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1429	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1432	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1433	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1434	VRS-CY1JF181J	J	180	1/16W Metal Oxide	AA
R1435	VRS-CY1JF181J	J	180	1/16W Metal Oxide	AA
R1436	VRS-CY1JF181J	J	180	1/16W Metal Oxide	AA
R1441	VRS-CY1JF470J	J	47	1/16W Metal Oxide	AA
R1442	VRS-CY1JF470J	J	47	1/16W Metal Oxide	AA
R1443	VRS-CY1JF470J	J	47	1/16W Metal Oxide	AA
R1444	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R1445	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R1446	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R1447	VRS-CY1JF392J	J	3.9k	1/16W Metal Oxide	AA
R1448	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R1556	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R1557	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R1559	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R1560	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R1561	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R1562	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R1567	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1568	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1575	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1576	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1577	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1578	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1579	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1580	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R1588	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1625	VRS-CY1JF471J	J	470	1/16W Metal Oxide	AA
R1626	VRS-CY1JF471J	J	470	1/16W Metal Oxide	AA
R1627	VRS-CY1JF471J	J	470	1/16W Metal Oxide	AA
R1631	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1632	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1633	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1637	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1638	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1639	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R1670	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1671	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1672	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R1673	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R1679	VRS-CY1JF750J	J	75	1/16W Metal Oxide	AA
R1681	VRS-CY1JF750J	J	75	1/16W Metal Oxide	AA
R1683	VRS-CY1JF750J	J	75	1/16W Metal Oxide	AA
R2103	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R2104	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R2106	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R2107	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R2112	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R2113	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R2118	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R2119	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R2120	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R2121	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R2129	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2130	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2131	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2132	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2133	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2134	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2135	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2136	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2137	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2138	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2201	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R2202	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R2203	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2207	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2208	VRS-CY1JF203J	J	20k	1/16W Metal Oxide	AA
R2209	VRS-CY1JF203J	J	20k	1/16W Metal Oxide	AA
R2210	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R2211	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R2212	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R2213	VRS-CY1JF3R3J	J	3.3	1/16W Metal Oxide	AA
R2218	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2219	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2220	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2221	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2222	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2223	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2224	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2225	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2226	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2227	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2301	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2302	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2303	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2304	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2305	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA

DUNTKA465DE11
OUTPUT UNIT (Continued)

Ref. No.	Part No.	★		Description	Code
R2306	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2307	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2604	VRS-CY1JF000J	J	0	1/16W Metal Oxide	AA
R2605	VRS-CY1JF000J	J	0	1/16W Metal Oxide	AA
R2606	VRS-CY1JF272J	J	2.7k	1/16W Metal Oxide	AA
R2607	VRS-CY1JF272J	J	2.7k	1/16W Metal Oxide	AA
R2608	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2609	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2610	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2611	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R2612	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2613	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R2614	VRS-CB1JF100J	J	10	1/16W Metal Oxide	AA
R2615	VRS-CB1JF100J	J	10	1/16W Metal Oxide	AA
R2617	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2619	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2620	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R2622	VRS-CB1JF100J	J	10	1/16W Metal Oxide	AA
R2623	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2625	VRS-CB1JF100J	J	10	1/16W Metal Oxide	AA
R2627	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2628	VRS-CB1JF104J	J	100k	1/16W Metal Oxide	AA
R2629	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2630	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R2632	VRS-CB1JF104J	J	100k	1/16W Metal Oxide	AA
R2633	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R2634	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R2637	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2638	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2639	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R2641	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R2642	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R2644	VRS-CY1JF100J	J	10	1/16W Metal Oxide	AA
R2646	VRS-CB1JF104J	J	100k	1/16W Metal Oxide	AA
R2647	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R2651	VRS-CY1JF562J	J	5.6k	1/16W Metal Oxide	AA
R2652	VRS-CY1JF562J	J	5.6k	1/16W Metal Oxide	AA
R2655	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R2656	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R2657	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R2659	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2661	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2662	VRS-CY1JF104J	J	100k	1/16W Metal Oxide	AA
R2669	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2671	VRS-TW2ED151J	J	150	1/4W Metal Oxide	AA
R2672	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R2676	VRS-CB1JF101J	J	100	1/16W Metal Oxide	AA
R2677	VRS-CB1JF101J	J	100	1/16W Metal Oxide	AA
R2678	VRS-TW2ED151J	J	150	1/4W Metal Oxide	AA
R2679	VRS-TW2ED561J	J	560	1/4W Metal Oxide	AA
R2680	VRS-TW2ED561J	J	560	1/4W Metal Oxide	AA
R2681	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2683	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2684	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2686	VRS-CY1JF000J	J	0	1/16W Metal Oxide	AA
R2687	VRS-TW2ED561J	J	560	1/4W Metal Oxide	AA
R2688	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R2693	VRS-CY1JF000J	J	0	1/16W Metal Oxide	AA
R2694	VRS-CY1JF000J	J	0	1/16W Metal Oxide	AA
R2695	VRS-CY1JF000J	J	0	1/16W Metal Oxide	AA
R2696	VRS-CY1JF000J	J	0	1/16W Metal Oxide	AA
R5103	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5104	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5105	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5106	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5254	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5255	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5257	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5260	VRS-CY1JF000J	J	0	1/16W Metal Oxide	AA
R5303	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5305	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5306	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5307	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide	AA
R5308	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5309	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide	AA
R5310	VRS-CY1JF272J	J	2.7k	1/16W Metal Oxide	AA
R5312	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5314	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5322	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5324	VRS-CA1JF101J	J	100	1/16W Metal Oxide	AA
R5325	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R5326	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide	AA
R5327	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R5328	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide	AA
R5330	VRS-CY1JF272J	J	2.7k	1/16W Metal Oxide	AA
R5331	VRS-CY1JF121J	J	120	1/16W Metal Oxide	AA
R5332	VRS-CY1JF121J	J	120	1/16W Metal Oxide	AA
R5334	VRS-CY1JF272J	J	2.7k	1/16W Metal Oxide	AA
R5336	VRS-TV1JD121J	J	120	1/16W Metal Oxide	AA
R5337	VRS-TV1JD121J	J	120	1/16W Metal Oxide	AA
R5338	VRS-CY1JF000J	J	0	1/16W Metal Oxide	AA
R5339	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5341	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R5344	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R5346	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5347	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R5348	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5350	VRS-CY1JF823J	J	82k	1/16W Metal Oxide	AA
R5352	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5353	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R5358	VRN-CY1JF472D	J	4.7k	1/16W Metal Film	AA
R5362	VRN-CY1JF272D	J	2.7k	1/16W Metal Film	AB
R5363	VRN-CY1JF392D	J	3.9k	1/16W Metal Film	AA
R5366	VRN-CY1JF302D	J	3k	1/16W Metal Film	AA
R5369	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5370	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5401	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R5402	VRS-CY1JF222J	J	2.2k	1/16W Metal Oxide	AA
R5403	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R5404	VRS-CY1JF332J	J	3.3k	1/16W Metal Oxide	AA
R5413	VRS-CY1JF183F	J	18k	1/16W Metal Oxide	AA
R5418	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R5419	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5421	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R5422	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5424	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R5426	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide	AA
R5427	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide	AA
R5428	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide	AA
R5429	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide	AA
R5430	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide	AA
R5431	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide	AA
R5432	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide	AA
R5433	VRS-CY1JF472J	J	4.7k	1/16W Metal Oxide	AA
R5436	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R5437	VRS-CY1JF473J	J	47k	1/16W Metal Oxide	AA
R5438	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5439	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5440	VRS-CY1JF000J	J	0	1/16W Metal Oxide	AA
R5451	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5452	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5453	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5454	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5456	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5457	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5458	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5460	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5462	VRS-CY1JF101J	J	100	1/16W Metal Oxide	AA
R5464	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5465	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R5471	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R7007	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R7010	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R7054	VRS-CY1JF102J	J	1k	1/16W Metal Oxide	AA
R7055	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA
R7057	VRS-CY1JF103J	J	10k	1/16W Metal Oxide	AA

Ref. No.	Part No.	★	Description	Code

DUNTKA465DE11
OUTPUT UNIT (Continued)

R7058	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R7059	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R7060	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R7061	VRS-CR3AD4R7J	J	4.7	1W	Metal Oxide	AC
R7062	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7066	VRS-CR3AD4R7J	J	4.7	1W	Metal Oxide	AC
R7067	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7069	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R7071	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R7072	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7073	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7074	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7075	VRS-TX2HF1R0J	J	1	1/2W	Metal Oxide	AA
R7076	VRS-TX2HF1R0J	J	1	1/2W	Metal Oxide	AA
R7078	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R7081	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R7082	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R7083	VRS-CB1JF102J	J	1k	1/16W	Metal Oxide	AA
R7084	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R7085	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R7086	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R7087	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R7088	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R7089	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R7090	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R7096	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7103	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R7105	VRS-CY1JF122J	J	1.2k	1/16W	Metal Oxide	AA
R7106	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7109	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7110	VRS-CY1JF822F	J	8.2k	1/16W	Metal Oxide	AA
R7111	VRS-CY1JF472F	J	4.7k	1/16W	Metal Oxide	AA
R7112	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7114	VRS-CY1JF822F	J	8.2k	1/16W	Metal Oxide	AA
R7115	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R7116	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7118	VRS-CY1JF103F	J	10k	1/16W	Metal Oxide	AA
R7120	VRS-CY1JF103F	J	10k	1/16W	Metal Oxide	AA
R7121	VRS-CY1JF122F	J	1.2k	1/16W	Metal Oxide	AA
R7123	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R7124	VRS-CY1JF122F	J	1.2k	1/16W	Metal Oxide	AA
R7125	VRS-TX2HF3R9J	J	3.9	1/2W	Metal Oxide	AB
R7126	VRS-TX2HF3R9J	J	3.9	1/2W	Metal Oxide	AB
R7127	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R7128	VRS-CY1JF472F	J	4.7k	1/16W	Metal Oxide	AA
R7129	VRS-CY1JF122F	J	1.2k	1/16W	Metal Oxide	AA
R7130	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R7131	VRS-CY1JF472F	J	4.7k	1/16W	Metal Oxide	AA
R7132	VRS-CY1JF223F	J	22k	1/16W	Metal Oxide	AA
R7133	VRS-CY1JF184J	J	180k	1/16W	Metal Oxide	AA
R7134	VRS-CY1JF272F	J	2.7k	1/16W	Metal Oxide	AA
R7135	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R7151	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7156	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7157	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R7158	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB

SWITCH

SW2601	QSW-K0065GEZZ	J	Key Switch	AC

MISCELLANEOUS PARTS

FB1108	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1109	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1110	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1111	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1112	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1113	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1201	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1202	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1203	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1204	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1205	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1206	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1301	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1302	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1303	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1304	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1305	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1306	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1401	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1402	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB2601	RBLN-0030TAZZ	J	Ferrite Bead	AB
FB2602	RBLN-0030TAZZ	J	Ferrite Bead	AB
FB5301	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB5302	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB5305	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB7051	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7052	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7053	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7054	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7055	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7056	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7059	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7060	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7061	RBLN-0006TAZZ	J	Ferrite Bead	AB
FB7062	RBLN-0006TAZZ	J	Ferrite Bead	AB
P301	QPLGN0764TAZZ	J	Plug, 7-pin(SO)	AD
P1301	QPLGN0764TAZZ	J	Plug, 7-pin(TP1)	AD
P2612	QPLGN0763TAZZ	J	Plug, 7-pin(TP2)	AD
P4301	QCNCM3021TAZZ	J	Plug, 30-pin	AL
P4302	QCNCM2021TAZZ	J	Plug, 20-pin	AH
P4303	QCNCM2021TAZZ	J	Plug, 20-pin	AH
P5101	QPLGN0464TAZZ	J	Plug, 4-pin(AZ)	AC
P5301	QPLGN0174FJZZ	J	Plug, 2-pin(F)	AC
P5303	QPLGN0364TAZZ	J	Plug, 3-pin(RA)	AC
P7051	QPLGN0179FJZZ	J	Plug, 7-pin	AD
P7052	QPLGN0174FJZZ	J	Plug, 2-pin(Q)	AC
P7053	QPLGN0264TAZZ	J	Plug, 2-pin(LF)	AC
P7055	QPLGN0175FJZZ	J	Plug, 3-pin(FC)	AD
P7056	QPLGN0364TAZZ	J	Plug, 3-pin(FD)	AC
P7057	QPLGN0175FJZZ	J	Plug, 3-pin(FF)	AD
SC1101	QSOCN3271TAZZ	J	Scket, 32-pin(RP)	AE
SC1201	QSOCN3271TAZZ	J	Scket, 32-pin(GP)	AE
SC1302	QSOCN3271TAZZ	J	Scket, 32-pin(BP)	AE
SC2601	QSOCN1897REZZ	J	Scket, 36-pin(KY)	AE
SC7202	QCNCW6028CEZZ	J	Scket, 62-pin	AL
SC8404	QCNCW6028CEZZ	J	Scket, 62-pin(PA)	AL
SC8405	QCNCW6028CEZZ	J	Scket, 62-pin(PB)	AL
SC8502	QCNCW6028CEZZ	J	Scket, 62-pin(PC)	AL
	PSLDM4663CEFW	J	Shield	AQ

DUNTKA466DE11
OUTPUT SUB UNIT

INTEGRATED CIRCUITS

IC331	VHiTA8184F/-1	J	TA8184F	AN
IC7201	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC7202	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC7203	VHiPQ20VZ11-1	J	PQ20VZ11	AH

DIODES

D7201	VHDDAN202K/-1	J	Diode	AB
D7202	VHDDAN202K/-1	J	Diode	AB
D7203	VHDDAN202K/-1	J	Diode	AB

CAPACITORS

C7201	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7202	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C7203	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7204	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C7205	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7206	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7207	VCEAPF1CW107M	J	100	16V	Electrolytic	AD

Ref. No.	Part No.	★	Description			Code
C7208	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C7209	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C7210	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7213	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA

DUNTKA466DE11
OUTPUT SUB UNIT (Continued)

RESISTORS

R7201	VRS-CY1JF102J	J	1k	1/16W	Metal Oxide	AA
R7202	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7203	VRS-CR3AD2R2J	J	2.2	1W	Metal Oxide	AC
R7204	VRS-CR3AD2R2J	J	2.2	1W	Metal Oxide	AC
R7205	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7206	VRS-CY1JF153F	J	15k	1/16W	Metal Oxide	AA
R7207	VRS-CY1JF333F	J	33k	1/16W	Metal Oxide	AA
R7208	VRS-CY1JF122F	J	1.2k	1/16W	Metal Oxide	AA
R7209	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7210	VRS-CY1JF472F	J	4.7k	1/16W	Metal Oxide	AA
R7211	VRS-CY1JF103F	J	10k	1/16W	Metal Oxide	AA
R7213	VRS-CY1JF122F	J	1.2k	1/16W	Metal Oxide	AA
R7216	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7217	VRS-CY1JF103F	J	10k	1/16W	Metal Oxide	AA
R7219	VRS-CY1JF122F	J	1.2k	1/16W	Metal Oxide	AA
R7220	VRS-CY1JF472F	J	4.7k	1/16W	Metal Oxide	AA
R7223	VRS-CR3AD2R2J	J	2.2	1W	Metal Oxide	AC
R7224	VRS-CR3AD2R2J	J	2.2	1W	Metal Oxide	AC

MISCELLANEOUS PARTS

FB7201	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7202	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7203	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7204	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7205	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7206	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7207	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7208	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB7209	RBLN-0006TAZZ	J	Ferrite Bead	AB
P7201	QPLGN0394FJZZ	J	Plug, 22-pin(EA)	AD
P7202	QCNCM6054TAZZ	J	Plug, 62-pin	
P7203	QPLGN0176FJZZ	J	Plug, 4-pin(FA)	AD
P7204	QPLGN0175FJZZ	J	Plug, 3-pin(FB)	AD
P7205	QPLGN0464TAZZ	J	Plug, 4-pin(D)	AC
P7206	QPLGN0364TAZZ	J	Plug, 3-pin(FE)	AC

DUNTKA464DE11
INPUT UNIT

INTEGRATED CIRCUITS

IC301	VHiTDA1517/-2	J	TDA1517/N2	AL

CAPACITORS

C303	VCE9PF1CW475M	J	4.7	16V	Elect.(N.P)	AC
C304	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C305	VCEA2A1CW108M	J	1000	16V	Electrolytic	AB
C306	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C307	VCEA2A1CW108M	J	1000	16V	Electrolytic	AB
C308	VCEAPF1EW475M	J	4.7	25V	Electrolytic	AB
C309	VCEA2A1EW477M	J	470	25V	Electrolytic	AD
C310	VCE9PF1CW475M	J	4.7	16V	Elect.(N.P)	AC

RESISTORS

R301	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R302	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R304	QFS-J2521CEZZ	J	Fuse Resistor			AF

MISCELLANEOUS PARTS

FB301	RBLN-0060CEZZ	J	Ferrite Bead	AC
P302	QPLGN0176FJZZ	J	Plug, 4-pin(SP)	AD
P303	QPLGN0764TAZZ	J	Plug, 7-pin(SO)	AD

Ref. No.	Part No.	★	Description			Code

DUNTKA468DE11
DC/DC CONVERTER UNIT

INTEGRATED CIRCUITS

IC7301	RCNVD0014CEZZ	J	0014CE	BK

TRANSISTORS

Q7301	VSDTC144EKA-1	J	DTC144EKA	AB
Q7302	VSDTC144EKA-1	J	DTC144EKA	AB

CAPACITORS

C7301	RC-KZA048WJZZ		10	25V	Ceramic	
C7302	VCAAPC1AJ476M	J	47	10V	Electrolytic	
C7303	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7304	VCAAPC1AJ476M	J	47	10V	Electrolytic	
C7305	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7306	VCAAPC1AJ476M	J	47	10V	Electrolytic	
C7309	RC-KZA048WJZZ		10	25V	Ceramic	

RESISTORS

R7301	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7302	VRS-CY1JF122J	J	1.2k	1/16W	Metal Oxide	AA
R7309	VRS-CY1JF100F	J	10	1/16W	Metal Oxide	AA
R7310	VRS-CY1JF221F	J	220	1/16W	Metal Oxide	AA
R7311	VRN-RV3ABR47J	J	0.47	1W	Metal Film	AB
R7312	VRN-RV3ABR47J	J	0.47	1W	Metal Film	AB

MISCELLANEOUS PARTS

P7301	QPLGN0179FJZZ	J	Plug, 7-pin(ED)	AD
	LANGT3301CEFW	J	Angle	AE
	XBPSD30P06R00	J	Screw	AB

DUNTKA469DE11
R/C RECEIVER UNIT

CAPACITORS

C7201	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5591	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC

RESISTORS

R5591	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R5592	VRS-CY1JF220J	J	22	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

P5591	QPLGN0364TAZZ	J	Plug, 3-pin(RA)	AC
RMC5591	RRMCU0239CEZZ	J	R/C Receiver	AG
	PSLDC3117CEFW	J	Shield	AD

Ref. No.	Part No.	★	Description	Code

RUNTKA024WJZZ
AC INLET UNIT

PACKAGED CIRCUIT

⚠ TNR791	9FJ0F20001280	J	ENE471D10A		AD

COIL

⚠ L791		J	Balun Transformer		
⚠ L792		J	Balun Transformer		

CAPACITORS

⚠ C791	9FJ0C34001783	J	0.47	275V	M.Polyester	
⚠ C792	9FJ0C51001223	J	1000p	250V	Ceramic	AD
⚠ C793	9FJ0C51001223	J	1000p	250V	Ceramic	AD
⚠ C794	9FJ0C34001693	J	0.1	275V	M.Polyester	

RESISTOR

R791	9FJ0R11002110	J	470k	1/4W	Special	AC

MISCELLANEOUS PARTS

⚠ F791	9FJ0E02101040	J	Fuse 6.3A 250V	AF
	9FJ0E09010010	J	Fuse Holder AC	
CN791	9FJ0G10003930	J	3-pin (PA), S2P3VH	AD
⚠	9FJ0G10004260	J	AC Inlet NC-174-10N-DL6-BL	AK

DUNTKA013WJZZ
POWER UNIT

INTEGRATED CIRCUITS

IC701	9FJ0F09001090	J	MIP0253SP	
IC702	9FJ0F01102001	J	UPC1093J	AF
⚠ IC703	9FJ0F01901370	J	FA5332P	AW
⚠ IC704	9FJ0F01901340	J	AN8027	AQ
IC705	9FJ0F01102001	J	UPC1093J	AF
IC706	9FJ0F01102520	J	UPC79N08H	

TRANSISTORS

⚠ Q701		J	FQA24N50	AU
⚠ Q702	9FJ0Q11010702	J	FS7KM18A	
Q703	9FJ0Q02001725	J	2SC4409(TE12L)	AE
Q704	9FJ0Q09001305	J	RN1427	

DIODES

D701	9FJ0D01010065	J	Diode, AU01AV0	AC
⚠ D702	9FJ0D14001010	J	Bridge, D10XB60H	
D703	9FJ0D26001160	J	Diode, SF20L60U	AG
D704	9FJ0D01001465	J	Diode, AK04	
D705	9FJ0D01010135	J	Diode, EG01CV0	
D706	9FJ0D01001115	J	Diode, AG01ZV0	AD
D707	9FJ0D01001465	J	Diode, AK04	
D708	9FJ0D01001115	J	Diode, AG01ZV0	AD
D709	9FJ0D01001115	J	Diode, AG01ZV0	AD
D710	9FJ0D01001115	J	Diode, AG01ZV0	AD
D711	9FJ0D01001115	J	Diode, AG01ZV0	AD
D712	9FJ0D01001465	J	Diode, AK04	
D713	9FJ0D01001115	J	Diode, AG01ZV0	AD
D714	9FJ0D23010022	J	Stack, FMX12S	AH
D715	9FJ0D24001200	J	Diode, FMBG16L	AH
D716	9FJ0D23010022	J	Stack, FMX12S	AH
D717	9FJ0D01001115	J	Diode, AG01ZV0	AD
D718	9FJ0D01001115	J	Diode, AG01ZV0	AD
D719	9FJ0D01001115	J	Diode, AG01ZV0	AD
D720	9FJ0D01001115	J	Diode, AG01ZV0	AD
D721	9FJ0D01001115	J	Diode, AG01ZV0	AD
D722	9FJ0D01001465	J	Diode, AK04	
D723	9FJ0D01001115	J	Diode, AG01ZV0	AD
ZD701	9FJ0D31181625	J	Zener Diode, RD10JSAB2TA	AD
ZD702	9FJ0D31181675	J	Zener Diode, RD18JSAB2TA	AC
ZD703	9FJ0D31181695	J	Zener Diode, RD24JSAB2TA	AC

PACKAGED CIRCUITS

⚠ PC701	9FJ0F10010931	J	Photo Coupler	AG
⚠ PC702	9FJ0F10010931	J	Photo Coupler	AG
⚠ PC703	9FJ0F10010931	J	Photo Coupler	AG

COILS AND TRANSFORMER

⚠ L701	9FJ0L08001870	J	Inductor	AH
L702	9FJ0L08001980	J	Inductor	
B701	9FJ0L08001805	J	Inductor,B01AT1F	
⚠ T701	9FJ0L00002200	J	Transformer	
⚠ T702	9FJ0L00002190	J	Transformer	

CAPACITORS

C701	9FJ0C01701590	J	4.7	400V	Electrolytic	
C702	9FJ0C50010895	J	0.1	25V	Ceramic	
C703	9FJ0C01102040	J	1000	10V	Electrolytic	
C704	9FJ0C50004405	J	0.1	50V	Ceramic	AB
C705	9FJ0C50004405	J	0.1	50V	Ceramic	AB
C707	9FJ0C32401150	J	0.47	400V	M.Polyester	AK
C708	9FJ0C32401160	J	2.2	400V	M.Polyester	AN
C709	9FJ0C50011465	J	470p	50V	Ceramic	AC
C710	9FJ0C50003455	J	470p	250V	Ceramic	AK
C711	9FJ0C50004775	J	1	16V	Ceramic	
C712	9FJ0C50011465	J	470p	50V	Ceramic	AC
C713	9FJ0C50004455	J	0.01	50V	Ceramic	
C714	9FJ0C50011465	J	470p	50V	Ceramic	AC
C715	9FJ0C50004375	J	68p	50V	Ceramic	AC
C716	9FJ0C50004365	J	0.15	25V	Ceramic	AC
C717	9FJ0C50004365	J	0.15	25V	Ceramic	AC
C718	9FJ0C50004455	J	0.01	50V	Ceramic	
C719	9FJ0C01510165	J	47	50V	Electrolytic	AC
C720		J	330	400V	Electrolytic	
C721	9FJ0C50002910	J	4700p	500V	Ceramic	AE
⚠ C722	9FJ0C50010715	J	220p	1kV	Ceramic	AD
C723	9FJ0C50010705	J	470p	1kV	Ceramic	AD
C724	9FJ0C50004455	J	0.01	50V	Ceramic	
C725	9FJ0C50004715	J	1500p	50V	Ceramic	
C726	9FJ0C01510115	J	2.2	50V	Electrolytic	AC
C727	9FJ0C50004725	J	2200p	50V	Ceramic	
C728	9FJ0C01510155	J	33	50V	Electrolytic	
C729	9FJ0C01510145	J	22	50V	Electrolytic	AC
⚠ C730	9FJ0C51001223	J	1000p	250V	Ceramic	AD
C731	9FJ0C50002985	J	1000p	500V	Ceramic	AD
C732	9FJ0C01302140	J	470	25V	Electrolytic	
C733	9FJ0C50004405	J	0.1	50V	Ceramic	AB
C734	9FJ0C50002985	J	1000p	500V	Ceramic	AD
C735	9FJ0C01102040	J	1000	10V	Electrolytic	
C736	9FJ0C01102040	J	1000	10V	Electrolytic	
C737	9FJ0C50004455	J	0.01	50V	Ceramic	
C738	9FJ0C50004405	J	0.1	50V	Ceramic	AB
C739	9FJ0C50002985	J	1000p	500V	Ceramic	AD
C740	9FJ0C01302140	J	470	25V	Electrolytic	
C741	9FJ0C01302140	J	470	25V	Electrolytic	
C742	9FJ0C50004405	J	0.1	50V	Ceramic	AB
C743	9FJ0C01302140	J	470	25V	Electrolytic	
C744	9FJ0C01510165	J	470	25V	Electrolytic	AC
C745	9FJ0C50004405	J	0.1	50V	Ceramic	AB
C746	9FJ0C50003635	J	100p	1kV	Ceramic	AD
C748	9FJ0C50003635	J	100p	1kV	Ceramic	AD
C749	9FJ0C50003635	J	100p	1kV	Ceramic	AD

RESISTORS

R701	9FJ0R94300015	J	47	1/2W	Chip	
R702	9FJ0R91201165	J	220	1/10W	Chip	AB
R703	9FJ0R91001025	J	10k	1/10W	Chip	
⚠ R704	9FJ0R22001430	J	0.1	5W	Cement	AF
R705	9FJ0R91001375	J	2.2k	1/10W	Chip	
R706	9FJ0R91001215	J	12k	1/10W	Chip	
R707	9FJ0R94201455	J	56k	1/2W	Chip	
R708	9FJ0R94201455	J	56k	1/2W	Chip	
R709	9FJ0R91201245	J	1k	1/2W	Chip	AB
R710	9FJ0R94201325	J	4.7k	1/2W	Chip	

Ref. No.	Part No.	★	Description			Code

DUNTKA013WJZZ
POWER UNIT (Continued)

⚠ R711	9FJ0R73010080	J	10		Fuse Resistor	AK
R712	9FJ0R17070491	J	10	2W	Metal Oxide	AC
⚠ R713	9FJ0R89201915	J	0.22	1W	Metal Oxide	AC
R714	9FJ0R91201565	J	470k	1/10W	Chip	AB
R715	9FJ0R91201565	J	470k	1/10W	Chip	AB
R716	9FJ0R91201565	J	470k	1/10W	Chip	AB
R717	9FJ0R91202725	J	6.2k	1/10W	Chip	
R718	9FJ0R91201055	J	27	1/10W	Chip	AB
R719	9FJ0R91201055	J	27	1/10W	Chip	AB
R720	9FJ0R91201365	J	10k	1/10W	Chip	AB
R721	9FJ0R91201405	J	22k	1/10W	Chip	AB
R722	9FJ0R91201485	J	100k	1/10W	Chip	AB
R723	9FJ0R94201085	J	47	1/2W	Chip	
R724	9FJ0R91210025	J	51k	1/10W	Chip	
R725	9FJ0R91201425	J	33k	1/10W	Chip	AB
R726	9FJ0R94201005	J	10	1/2W	Chip	AC
R727	9FJ0R91001185	J	39k	1/10W	Chip	
R728	9FJ0R91001115	J	6.8k	1/10W	Chip	
R729	9FJ0R91010045	J	5.6k	1/10W	Chip	
R730	9FJ0R91001305	J	150k	1/10W	Chip	
R731	9FJ0R91001225	J	470k	1/10W	Chip	AB
R732	9FJ0R91001225	J	470k	1/10W	Chip	AB
R733	9FJ0R91001225	J	470k	1/10W	Chip	AB
R734	9FJ0R91001225	J	470k	1/10W	Chip	AB
R735	9FJ0R91001225	J	470k	1/10W	Chip	AB
R736	9FJ0R91001225	J	470k	1/10W	Chip	AB
R737	9FJ0R17071451	J	100k	2W	Metal Oxide	AC
R738	9FJ0R94201455	J	56k	1/2W	Chip	
R739	9FJ0R94201455	J	56k	1/2W	Chip	
R740	9FJ0R94201005	J	10	1/2W	Chip	AC
R741	9FJ0R94201085	J	47	1/2W	Chip	
R742	9FJ0R91202735	J	620	1/10W	Chip	
⚠ R743	9FJ0R22001430	J	0.1	5W	Cement	AF
R744	9FJ0R91201195	J	390	1/10W	Chip	AB
R745	9FJ0R91201435	J	39k	1/10W	Chip	AB
R746	9FJ0R91201445	J	47k	1/10W	Chip	AB
R747	9FJ0R91201245	J	1K	1/10W	Chip	AB
R748	9FJ0R91201365	J	10k	1/10W	Chip	AB
⚠ R749	9FJ0R32001005	J	15M	1W	Metal	AE
R750	9FJ0R91201225	J	680	1/10W	Chip	AB
R751	9FJ0R91201285	J	2.2k	1/10W	Chip	AB
R752	9FJ0R91201325	J	4.7k	1/10W	Chip	AB
R753	9FJ0R91202575	J	5.6k	1/10W	Chip	
R754	9FJ0R91001165	J	3.3k	1/10W	Chip	
R755	9FJ0R94201285	J	2.2k	1/2W	Chip	AD
R756	9FJ0R91201285	J	2.2k	1/10W	Chip	AB
R757	9FJ0R94201005	J	10	1/2W	Chip	AC
R758	9FJ0R94201085	J	47	1/2W	Chip	
R759	9FJ0R94201005	J	10	1/2W	Chip	AC
R760	9FJ0R94201085	J	47	1/2W	Chip	
R761	9FJ0R94300015	J	47	1/2W	Chip	
R762	9FJ0R91001075	J	4.7k	1/10W	Chip	

MISCELLANEOUSPARTS

⚠ TF701	9FJ0E03001100	J	Fuse	AE
⚠ RL701	9FJ0H11501390	J	Relay	
⚠ RL702	9FJ0H11501390	J	Relay	
PL		J	Harness	
EA	9FJ0I10008290	J	Harness	
IN	9FJ0I10008270	J	Harness	
	9FJ0I00008320	J	Harness	
	9FJ0I10008330	J	Harness	
	9FJ0I10008340	J	Harness	
	9FJ0O00002650	J	Heat Sink for D702	
	9FJ0O00002640	J	Heat Sink for Q701	
	9FJ0O00002660	J	Heat Sink	
	9FJ0A11002310	J	Sheet	
	9FJ0S20003100	J	Screw	
	9FJ0S29003060	J	Screw	AB
	9FJ0S26003080	J	Screw	
	9FJ0B00001160	J	Silicone rubber	BD
	9FJ0A20001530	J	Glass Tube	
	9FJ0G20003010	J	Clamp	
	9FJ0G20010200	J	Insulock Tie	

CPCi-0054CE11
PC I/F UNIT

INTEGRATED CIRCUITS

IC8001	9DK001-15101	J	HD6417709
IC8002	9DK001-15061	J	PST600IM
IC8003	9DK001-11025	J	AT24C128N-10SI-2.7
IC8004	9DK001-15076	J	CXA3516R
IC8007	9DK001-15038	J	PQ05TZ11
IC8008	9DK001-15071	J	PQ20VZ11
IC8011	9DK001-11023	J	24LC21A-/SN
IC8019	9DK001-15060	J	RST623XW
IC8022	9DK001-12084	J	74VHCT244AMTC
IC8023	9DK001-12094	J	TC7SB384FU
IC8024	9DK001-15053	J	TL431CPS
IC8025	RH-iX3434CEZZ	J	RH-IX3434CEZZ(CVIC)
IC8027	RH-iX3446CEZZQ	J	LH28F320S3NS-L11
IC8028	9DK001-11017	J	MSM51V18165D-60TS-K
IC8029	9DK001-15102	J	RH-IX3399CEN1
IC8051	9DK001-15091	J	CXD2309AQ
IC8052	9DK001-12055	J	TC7WH241FU
IC8053	9DK001-12057	J	TC74LVX86FT
IC8298	9DK001-15090	J	SiI151A
IC8299	9DK001-15072	J	M62320FP
IC8302	9DK001-12068	J	SN74F153DB
IC8306	9DK001-12070	J	HD74HCT125T
IC8319	9DK001-11024	J	HY57V653220BTC-7
IC8320	9DK001-11024	J	HY57V653220BTC-7
IC8321	9DK001-11024	J	HY57V653220BTC-7
IC8322	9DK001-11024	J	HY57V653220BTC-7
IC8325	9DK001-12068	J	SN74F153DB
IC8330	9DK001-15089	J	TL712CPW
IC8331	9DK001-15089	J	TL712CPW
IC8333	9DK001-12089	J	NC7ST08M5
IC8334	9DK001-15087	J	NJM2137V
IC8335	9DK001-15089	J	TL712CPW
IC8336	9DK001-15089	J	TL712CPW
IC8337	9DK001-15062	J	LM4040CIM3-4.1
IC8338	VHIVPC3230D-1Q	J	VPC3230D
IC8339	9DK001-15038	J	PQ05TZ11

TRANSISTORS

Q8001	9DK001-20012	J	2SA1037AKQ
Q8012	9DK001-20025	J	IMB3A
Q8016	9DK001-20012	J	2SA1037AKQ
Q8017	9DK001-20011	J	2SC2412KQ

DIODES

D8001	9DK001-30015	J	MA157A
D8002	9DK001-30015	J	MA157A
D8009	9DK001-30018	J	1SS187(D3)
D8012	9DK001-30015	J	MA157A
D8013	9DK001-30015	J	MA157A
D8020	9DK001-30018	J	1SS187(D3)
D8028	9DK001-30018	J	1SS187(D3)
D8029	9DK001-30018	J	1SS187(D3)
D8030	9DK001-30019	J	DALC112S1
D8031	9DK001-30019	J	DALC112S1
D8032	9DK001-30019	J	DALC112S1
D8033	9DK001-30018	J	1SS187(D3)

PACKAGED CIRCUIT

X8001	9DK001-80012	J	Crystal, 6MHz
X8003	9DK001-80011	J	Crystal, 1.8432MHz
X8004	9DK001-80026	J	Crystal, 25.000MHz

CPCi-0054CE11
PC I/F UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
X8005	9DK001-80024	J	Crystal, 32.500MHz	
X8006	9DK001-80020	J	Crystal, 20.25MHz	

FILTERS

FL8005	9DK001-81020	J	Filter BMK351	
FL8006	9DK001-81020	J	Filter BMK351	
FL8020	9DK001-81020	J	Filter BMK351	
FL8021	9DK001-81020	J	Filter BMK351	
FL8022	9DK001-81020	J	Filter BMK351	
FL8023	9DK001-81020	J	Filter BMK351	
FL8029	9DK001-81020	J	Filter BMK351	
FL8030	9DK001-81020	J	Filter BMK351	
FL8031	9DK001-81020	J	Filter BMK351	
FL8032	9DK001-81020	J	Filter BMK351	
FL8039	9DK001-81020	J	Filter BMK351	
FL8040	9DK001-81020	J	Filter BMK351	
FL8041	9DK001-81020	J	Filter BMK351	
FL8056	9DK001-81020	J	Filter BMK351	
FL8076	9DK001-81020	J	Filter BMK351	
FL8077	9DK001-81020	J	Filter BMK351	
FL8078	9DK001-81020	J	Filter BMK351	
FL8079	9DK001-81020	J	Filter BMK351	
FL8094	9DK001-81020	J	Filter BMK351	
FL8095	9DK001-81020	J	Filter BMK351	
FL8096	9DK001-81020	J	Filter BMK351	
FL8097	9DK001-81020	J	Filter BMK351	
FL8100	9DK001-81020	J	Filter BMK351	
FL8103	9DK001-81020	J	Filter BMK351	
FL8107	9DK001-82024	J	Filter BMS400	
FL8108	9DK001-82024	J	Filter BMS400	
FL8109	9DK001-82024	J	Filter BMS400	
FL8111	9DK001-81020	J	Filter BMK351	
FL8112	9DK001-81020	J	Filter BMK351	
FL8113	9DK001-81020	J	Filter BMK351	

COILS

L8001	9DK001-81052	J	Coil 3.3µH	
L8002	9DK001-81052	J	Coil 3.3µH	
L8003	9DK001-81052	J	Coil 3.3µH	
L8004	9DK001-81052	J	Coil 3.3µH	
L8007	9DK001-81052	J	Coil 3.3µH	
L8008	9DK001-81052	J	Coil 3.3µH	
L8009	9DK001-81052	J	Coil 3.3µH	
L8010	9DK001-81052	J	Coil 3.3µH	
L8014	9DK001-81052	J	Coil 3.3µH	
L8020	9DK001-81060	J	2125	
L8021	9DK001-81060	J	2125	
L8022	9DK001-81052	J	Coil 3.3µH	
L8030	9DK001-81052	J	Coil 3.3µH	
L8032	9DK001-81052	J	Coil 3.3µH	
L8034	9DK001-81052	J	Coil 3.3µH	
L8035	9DK001-81052	J	Coil 3.3µH	

CAPACITORS

C8001	9DK001-42094	J	0.1	25V	Ceramic
C8002	9DK001-42094	J	0.1	25V	Ceramic
C8003	9DK001-42094	J	0.1	25V	Ceramic
C8006	9DK001-42096	J	0.01	50V	Ceramic
C8007	9DK001-42096	J	0.01	50V	Ceramic
C8008	9DK001-42096	J	0.01	50V	Ceramic
C8009	9DK001-42096	J	0.01	50V	Ceramic
C8010	9DK001-42131	J	10	35V	Ceramic
C8012	9DK001-42103	J	15p	50V	Ceramic
C8013	9DK001-42103	J	15p	50V	Ceramic
C8014	9DK001-42096	J	0.01	50V	Ceramic
C8015	9DK001-42131	J	10	35V	Ceramic
C8016	9DK001-42094	J	0.1	25V	Ceramic
C8017	9DK001-42096	J	0.01	50V	Ceramic
C8018	9DK001-42096	J	0.01	50V	Ceramic
C8019	9DK001-42104	J	470p	50V	Ceramic
C8020	9DK001-42104	J	470p	50V	Ceramic
C8021	9DK001-42096	J	0.01	50V	Ceramic
C8022	9DK001-42096	J	0.01	50V	Ceramic
C8023	9DK001-42096	J	0.01	50V	Ceramic
C8024	9DK001-40077	J	10	16V	
C8025	9DK001-42096	J	0.01	50V	Ceramic
C8026	9DK001-42096	J	0.01	50V	Ceramic
C8027	9DK001-42096	J	0.01	50V	Ceramic
C8028	9DK001-42096	J	0.01	50V	Ceramic
C8029	9DK001-42096	J	0.01	50V	Ceramic
C8030	9DK001-42105	J	0.047	50V	Ceramic
C8031	9DK001-42094	J	0.1	25V	Ceramic
C8032	9DK001-42094	J	0.1	25V	Ceramic
C8033	9DK001-42094	J	0.1	25V	Ceramic
C8034	9DK001-42096	J	0.01	50V	Ceramic
C8035	9DK001-42096	J	0.01	50V	Ceramic
C8036	9DK001-42096	J	0.01	50V	Ceramic
C8037	9DK001-42096	J	0.01	50V	Ceramic
C8038	9DK001-42096	J	0.01	50V	Ceramic
C8042	9DK001-42096	J	0.01	50V	Ceramic
C8043	9DK001-42096	J	0.01	50V	Ceramic
C8051	9DK001-42096	J	0.01	50V	Ceramic
C8052	9DK001-42096	J	0.01	50V	Ceramic
C8053	9DK001-42096	J	0.01	50V	Ceramic
C8062	9DK001-42094	J	0.1	25V	Ceramic
C8070	9DK001-42094	J	0.1	25V	Ceramic
C8078	9DK001-42094	J	0.1	25V	Ceramic
C8079	9DK001-40089	J	47	6.3V	Electrolytic
C8080	9DK001-40079	J	47	16V	Electrolytic
C8081	9DK001-42096	J	0.01	50V	Ceramic
C8082	9DK001-42096	J	0.01	50V	Ceramic
C8083	9DK001-42096	J	0.01	50V	Ceramic
C8084	9DK001-40089	J	47	6.3V	Electrolytic
C8096	9DK001-40089	J	47	6.3V	Electrolytic
C8110	9DK001-42094	J	0.1	25V	Ceramic
C8111	9DK001-42094	J	0.1	25V	Ceramic
C8112	9DK001-42094	J	0.1	25V	Ceramic
C8113	9DK001-42111	J	1	10V	Ceramic
C8114	9DK001-42094	J	0.1	25V	Ceramic
C8115	9DK001-42094	J	0.1	25V	Ceramic
C8116	9DK001-42094	J	0.1	25V	Ceramic
C8117	9DK001-42094	J	0.1	25V	Ceramic
C8118	9DK001-42094	J	0.1	25V	Ceramic
C8119	9DK001-42094	J	0.1	25V	Ceramic
C8120	9DK001-42094	J	0.1	25V	Ceramic
C8121	9DK001-42094	J	0.1	25V	Ceramic
C8122	9DK001-42111	J	1	10V	Ceramic
C8123	9DK001-42094	J	0.1	25V	Ceramic
C8124	9DK001-42094	J	0.1	25V	Ceramic
C8125	9DK001-42094	J	0.1	25V	Ceramic
C8126	9DK001-42094	J	0.1	25V	Ceramic
C8127	9DK001-42099	J	100P	50V	Ceramic
C8128	9DK001-42125	J	0.068	16V	Film
C8130	9DK001-42099	J	100P	50V	Ceramic
C8131	9DK001-42094	J	0.1	25V	Ceramic
C8132	9DK001-42094	J	0.1	25V	Ceramic
C8133	9DK001-42094	J	0.1	25V	Ceramic
C8134	9DK001-42094	J	0.1	25V	Ceramic
C8135	9DK001-42094	J	0.1	25V	Ceramic
C8136	9DK001-42094	J	0.1	25V	Ceramic
C8137	9DK001-42094	J	0.1	25V	Ceramic
C8138	9DK001-42094	J	0.1	25V	Ceramic
C8143	9DK001-42096	J	0.01	50V	Ceramic
C8144	9DK001-40089	J	47	6.3V	Electrolytic
C8145	9DK001-42096	J	0.01	50V	Ceramic
C8146	9DK001-40089	J	47	6.3V	Electrolytic
C8147	9DK001-42096	J	0.01	50V	Ceramic
C8148	9DK001-40089	J	47	6.3V	Electrolytic
C8149	9DK001-42096	J	0.01	50V	Ceramic
C8169	9DK001-42094	J	0.1	25V	Ceramic
C8170	9DK001-42094	J	0.1	25V	Ceramic
C8178	9DK001-42094	J	0.1	25V	Ceramic
C8181	9DK001-42094	J	0.1	25V	Ceramic
C8192	9DK001-42094	J	0.1	25V	Ceramic
C8197	9DK001-42094	J	0.1	25V	Ceramic
C8202	9DK001-42094	J	0.1	25V	Ceramic
C8205	9DK001-42094	J	0.1	25V	Ceramic

CPCi-0054CE11
PC I/F UNIT (Continued)

Ref. No.	Part No.	★			Description
C8214	9DK001-42094	J	0.1	25V	Ceramic
C8218	9DK001-42094	J	0.1	25V	Ceramic
C8219	9DK001-42094	J	0.1	25V	Ceramic
C8252	9DK001-40080	J	100	6.3V	Electrolytic
C8253	9DK001-42094	J	0.1	25V	Ceramic
C8255	9DK001-40092	J	220	4V	Electrolytic
C8256	9DK001-42094	J	0.1	25V	Ceramic
C8257	9DK001-40080	J	100	6.3V	Electrolytic
C8258	9DK001-42094	J	0.1	25V	Ceramic
C8336	9DK001-42096	J	0.01	50V	Ceramic
C8339	9DK001-42096	J	0.01	50V	Ceramic
C8341	9DK001-42094	J	0.1	25V	Ceramic
C8342	9DK001-42111	J	1	10V	Ceramic
C8343	9DK001-42094	J	0.1	25V	Ceramic
C8344	9DK001-40089	J	47	6.3V	Electrolytic
C8349	9DK001-42096	J	0.01	50V	Ceramic
C8350	9DK001-42096	J	0.01	50V	Ceramic
C8361	9DK001-40089	J	47	6.3V	Electrolytic
C8366	9DK001-40080	J	100	6.3V	Electrolytic
C8367	9DK001-40091	J	100	4V	Electrolytic
C8374	9DK001-40080	J	100	6.3V	Electrolytic
C8375	9DK001-40091	J	100	4V	Electrolytic
C8376	9DK001-40079	J	47	16V	Electrolytic
C8425	9DK001-42096	J	0.01	50V	Ceramic
C8435	9DK001-40089	J	47	6.3V	Electrolytic
C8436	9DK001-42094	J	0.1	25V	Ceramic
C8437	9DK001-42099	J	100P	50V	Ceramic
C8438	9DK001-42099	J	100P	50V	Ceramic
C8439	9DK001-42099	J	100P	50V	Ceramic
C8440	9DK001-42099	J	100P	50V	Ceramic
C8441	9DK001-40089	J	47	6.3V	Electrolytic
C8442	9DK001-42111	J	1	10V	Ceramic
C8443	9DK001-42094	J	0.1	25V	Ceramic
C8444	9DK001-42099	J	100P	50V	Ceramic
C8445	9DK001-40089	J	47	6.3V	Electrolytic
C8446	9DK001-42094	J	0.1	25V	Ceramic
C8447	9DK001-42094	J	0.1	25V	Ceramic
C8448	9DK001-42099	J	100P	50V	Ceramic
C8449	9DK001-42099	J	100P	50V	Ceramic
C8450	9DK001-42099	J	100P	50V	Ceramic
C8451	9DK001-42094	J	0.1	25V	Ceramic
C8452	9DK001-40089	J	47	6.3V	Electrolytic
C8453	9DK001-42094	J	0.1	25V	Ceramic
C8454	9DK001-42094	J	0.1	25V	Ceramic
C8455	9DK001-42094	J	0.1	25V	Ceramic
C8456	9DK001-42094	J	0.1	25V	Ceramic
C8457	9DK001-42099	J	100P	50V	Ceramic
C8458	9DK001-42099	J	100P	50V	Ceramic
C8459	9DK001-42099	J	100P	50V	Ceramic
C8462	9DK001-42094	J	0.1	25V	Ceramic
C8465	9DK001-42099	J	100P	50V	Ceramic
C8468	9DK001-42099	J	100P	50V	Ceramic
C8470	9DK001-42096	J	0.01	50V	Ceramic
C8471	9DK001-42096	J	0.01	50V	Ceramic
C8472	9DK001-42096	J	0.01	50V	Ceramic
C8480	9DK001-42094	J	0.1	25V	Ceramic
C8484	9DK001-40089	J	47	6.3V	Electrolytic
C8485	9DK001-42094	J	0.1	25V	Ceramic
C8503	9DK001-40089	J	47	6.3V	Electrolytic
C8529	9DK001-42096	J	0.01	50V	Ceramic
C8531	9DK001-40089	J	47	6.3V	Electrolytic
C8532	9DK001-42096	J	0.01	50V	Ceramic
C8561	9DK001-42099	J	100P	50V	Ceramic
C8562	9DK001-42094	J	0.1	25V	Ceramic
C8563	9DK001-42094	J	0.1	25V	Ceramic
C8564	9DK001-40089	J	47	6.3V	Electrolytic
C8565	9DK001-42094	J	0.1	25V	Ceramic
C8566	9DK001-42124	J	680p	25V	Ceramic
C8569	9DK001-42099	J	100P	50V	Ceramic
C8570	9DK001-42111	J	1	10V	Ceramic
C8571	9DK001-42111	J	1	10V	Ceramic
C8573	9DK001-40089	J	47	6.3V	Electrolytic
C8574	9DK001-40089	J	47	6.3V	Electrolytic
C8575	9DK001-42096	J	0.01	50V	Ceramic
C8576	9DK001-42096	J	0.01	50V	Ceramic
C8577	9DK001-42096	J	0.01	50V	Ceramic
C8578	9DK001-42096	J	0.01	50V	Ceramic
C8579	9DK001-42096	J	0.01	50V	Ceramic
C8580	9DK001-42096	J	0.01	50V	Ceramic
C8581	9DK001-42096	J	0.01	50V	Ceramic
C8582	9DK001-42096	J	0.01	50V	Ceramic
C8583	9DK001-42096	J	0.01	50V	Ceramic
C8584	9DK001-42096	J	0.01	50V	Ceramic
C8585	9DK001-42096	J	0.01	50V	Ceramic
C8586	9DK001-42096	J	0.01	50V	Ceramic
C8587	9DK001-40089	J	47	6.3V	Electrolytic
C8588	9DK001-40089	J	47	6.3V	Electrolytic
C8589	9DK001-42096	J	0.01	50V	Ceramic
C8590	9DK001-42096	J	0.01	50V	Ceramic
C8591	9DK001-42096	J	0.01	50V	Ceramic
C8592	9DK001-42096	J	0.01	50V	Ceramic
C8593	9DK001-42096	J	0.01	50V	Ceramic
C8594	9DK001-42096	J	0.01	50V	Ceramic
C8595	9DK001-42096	J	0.01	50V	Ceramic
C8596	9DK001-42096	J	0.01	50V	Ceramic
C8597	9DK001-42096	J	0.01	50V	Ceramic
C8598	9DK001-42096	J	0.01	50V	Ceramic
C8599	9DK001-42096	J	0.01	50V	Ceramic
C8600	9DK001-42096	J	0.01	50V	Ceramic
C8601	9DK001-42094	J	0.1	25V	Ceramic
C8603	9DK001-42094	J	0.1	25V	Ceramic
C8605	9DK001-42094	J	0.1	25V	Ceramic
C8607	9DK001-42094	J	0.1	25V	Ceramic
C8609	9DK001-42094	J	0.1	25V	Ceramic
C8611	9DK001-42094	J	0.1	25V	Ceramic
C8613	9DK001-42094	J	0.1	25V	Ceramic
C8615	9DK001-42094	J	0.1	25V	Ceramic
C8617	9DK001-42094	J	0.1	25V	Ceramic
C8619	9DK001-42094	J	0.1	25V	Ceramic
C8621	9DK001-42094	J	0.1	25V	Ceramic
C8623	9DK001-42094	J	0.1	25V	Ceramic
C8625	9DK001-42094	J	0.1	25V	Ceramic
C8627	9DK001-42094	J	0.1	25V	Ceramic
C8629	9DK001-42094	J	0.1	25V	Ceramic
C8631	9DK001-42094	J	0.1	25V	Ceramic
C8633	9DK001-42094	J	0.1	25V	Ceramic
C8635	9DK001-42094	J	0.1	25V	Ceramic
C8637	9DK001-42094	J	0.1	25V	Ceramic
C8638	9DK001-42094	J	0.1	25V	Ceramic
C8640	9DK001-42094	J	0.1	25V	Ceramic
C8641	9DK001-42094	J	0.1	25V	Ceramic
C8644	9DK001-42094	J	0.1	25V	Ceramic
C8645	9DK001-42094	J	0.1	25V	Ceramic
C8648	9DK001-42094	J	0.1	25V	Ceramic
C8649	9DK001-42094	J	0.1	25V	Ceramic
C8652	9DK001-42094	J	0.1	25V	Ceramic
C8654	9DK001-42094	J	0.1	25V	Ceramic
C8656	9DK001-42094	J	0.1	25V	Ceramic
C8658	9DK001-42094	J	0.1	25V	Ceramic
C8660	9DK001-42094	J	0.1	25V	Ceramic
C8662	9DK001-42094	J	0.1	25V	Ceramic
C8664	9DK001-42094	J	0.1	25V	Ceramic
C8666	9DK001-42096	J	0.01	50V	Ceramic
C8667	9DK001-42094	J	0.1	25V	Ceramic
C8668	9DK001-42094	J	0.1	25V	Ceramic
C8670	9DK001-42094	J	0.1	25V	Ceramic
C8672	9DK001-42094	J	0.1	25V	Ceramic
C8674	9DK001-42094	J	0.1	25V	Ceramic
C8676	9DK001-42094	J	0.1	25V	Ceramic
C8678	9DK001-42094	J	0.1	25V	Ceramic
C8680	9DK001-42094	J	0.1	25V	Ceramic
C8682	9DK001-42094	J	0.1	25V	Ceramic
C8684	9DK001-42094	J	0.1	25V	Ceramic
C8685	9DK001-42094	J	0.1	25V	Ceramic
C8686	9DK001-42094	J	0.1	25V	Ceramic
C8687	9DK001-42094	J	0.1	25V	Ceramic
C8688	9DK001-42094	J	0.1	25V	Ceramic
C8689	9DK001-42094	J	0.1	25V	Ceramic

CPCi-0054CE11
PC I/F UNIT (Continued)

Ref. No.	Part No.	★			Description
C8697	9DK001-42096	J	0.01	50V	Ceramic
C8707	9DK001-42094	J	0.1	25V	Ceramic
C8708	9DK001-40090	J	47	4V	Electrolytic
C8742	9DK001-40079	J	47	16V	Electrolytic
C8743	9DK001-42094	J	0.1	25V	Ceramic
C8744	9DK001-42094	J	0.1	25V	Ceramic
C8745	9DK001-42094	J	0.1	25V	Ceramic
C8746	9DK001-42112	J	33p	50V	Ceramic
C8747	9DK001-42094	J	0.1	25V	Ceramic
C8748	9DK001-42094	J	0.1	25V	Ceramic
C8749	9DK001-42112	J	33p	50V	Ceramic
C8750	9DK001-42094	J	0.1	25V	Ceramic
C8752	9DK001-42113	J	4.7	10V	Ceramic
C8753	9DK001-42094	J	0.1	25V	Ceramic
C8755	9DK001-42094	J	0.1	25V	Ceramic
C8757	9DK001-42113	J	4.7	10V	Ceramic
C8759	9DK001-42096	J	0.01	50V	Ceramic
C8760	9DK001-42094	J	0.1	25V	Ceramic
C8767	9DK001-40099	J	6.8	10V	Electrolytic
C8770	9DK001-42094	J	0.1	25V	Ceramic
C8771	9DK001-42130	J	2200		Ceramic
C8772	9DK001-42094	J	0.1	25V	Ceramic
C8773	9DK001-42111	J	1	10V	Ceramic
C8774	9DK001-42094	J	0.1	25V	Ceramic
C8775	9DK001-42094	J	0.1	25V	Ceramic
C8776	9DK001-40099	J	6.8	10V	OS
C8777	9DK001-42094	J	0.1	25V	Ceramic
C8778	9DK001-40093	J	0.47	50V	Elect.(N.P)
C8785	9DK001-42144	J	0.68	10V	Ceramic
C8786	9DK001-42144	J	0.68	10V	Ceramic
C8787	9DK001-42144	J	0.68	10V	Ceramic
C8788	9DK001-42144	J	0.68	10V	Ceramic
C8789	9DK001-42144	J	0.68	10V	Ceramic
C8790	9DK001-42131	J	10	35V	Electrolytic
C8791	9DK001-42131	J	10	35V	Electrolytic
C8792	9DK001-42139	J	1500p	50V	Ceramic
C8793	9DK001-42139	J	1500p	50V	Ceramic
C8794	9DK001-42116	J	390p	50V	Ceramic
C8795	9DK001-42116	J	390p	50V	Ceramic
C8796	9DK001-40092	J	220	4V	Electrolytic
C8797	9DK001-42094	J	0.1	25V	Ceramic
C8798	9DK001-42105	J	0.047	50V	Ceramic
C8799	9DK001-40091	J	100	4V	Electrolytic
C8800	9DK001-40077	J	10	16V	Electrolytic
C8801	9DK001-42143	J	0.22	16V	Ceramic
C8802	9DK001-42130	J	2200		Ceramic
C8803	9DK001-42116	J	390p	50V	Ceramic
C8804	9DK001-42143	J	0.22	16V	Ceramic
C8805	9DK001-42115	J	10p	50V	Ceramic
C8806	9DK001-42115	J	10p	50V	Ceramic
C8807	9DK001-42116	J	390p	50V	Ceramic
C8808	9DK001-42143	J	0.22	16V	Ceramic
C8809	9DK001-42116	J	390p	50V	Ceramic
C8810	9DK001-42143	J	0.22	16V	Ceramic
C8811	9DK001-42139	J	1500p	50V	Ceramic
C8812	9DK001-42116	J	390p	50V	Ceramic
C8813	9DK001-42139	J	1500p	50V	Ceramic
C8814	9DK001-42105	J	0.047	50V	Ceramic
C8815	9DK001-42142	J	0.068	50V	Ceramic
C8816	9DK001-42142	J	0.068	50V	Ceramic
C8817	9DK001-42142	J	0.068	50V	Ceramic
C8818	9DK001-42139	J	1500p	50V	Ceramic
C8819	9DK001-42105	J	0.047	50V	Ceramic
C8820	9DK001-40079	J	47	16V	Electrolytic
C8821	9DK001-40089	J	47	6.3V	Electrolytic
C8822	9DK001-42096	J	0.01	50V	Ceramic
C8823	9DK001-42094	J	0.1	25V	Ceramic
C8824	9DK001-42096	J	0.01	50V	Ceramic
C8825	9DK001-40089	J	47	6.3V	Electrolytic
C8827	9DK001-42142	J	0.068	50V	Ceramic
C8828	9DK001-40092	J	220	4V	Electrolytic

RESISTORS

Ref. No.	Part No.	★		Description
FL8001	9DK001-50110	J	0	1/10W Jumper
FL8098	9DK001-50110	J	0	1/10W Jumper
FL8099	9DK001-50110	J	0	1/10W Jumper
FL8110	9DK001-50110	J	0	1/10W Jumper
FL8114	9DK001-50110	J	0	1/10W Jumper
R8001	9DK001-51036	J	100	1/16W Resistor Array
R8004	9DK001-50149	J	0	1/16W Chip 1608
R8005	9DK001-50165	J	100	1/16W Chip 1608
R8006	9DK001-50185	J	10k	1/16W Chip 1608
R8007	9DK001-50185	J	10k	1/16W Chip 1608
R8009	9DK001-50291	J	47k	1/16W Chip 1608
R8010	9DK001-51030	J	10k	1/16W Resistor Array
R8011	9DK001-51030	J	10k	1/16W Resistor Array
R8012	9DK001-50185	J	10k	1/16W Chip 1608
R8013	9DK001-50165	J	100	1/16W Chip 1608
R8014	9DK001-50149	J	0	1/16W Chip 1608
R8015	9DK001-50149	J	0	1/16W Chip 1608
R8016	9DK001-50198	J	1.69k	1/16W Chip 1608
R8017	9DK001-50210	J	33k	1/16W Chip 1608
R8018	9DK001-50199	J	2.15k	1/16W Chip 1608
R8019	9DK001-51030	J	10k	1/16W Resistor Array
R8022	9DK001-50185	J	10k	1/16W Chip 1608
R8027	9DK001-50209	J	27k	1/16W Chip 1608
R8029	9DK001-51030	J	10k	1/16W Resistor Array
R8031	9DK001-50149	J	0	1/16W Chip 1608
R8033	9DK001-51030	J	10k	1/16W Resistor Array
R8034	9DK001-51030	J	10k	1/16W Resistor Array
R8035	9DK001-51030	J	10k	1/16W Resistor Array
R8036	9DK001-51030	J	10k	1/16W Resistor Array
R8038	9DK001-50185	J	10k	1/16W Chip 1608
R8039	9DK001-50119	J	150	1/10W Chip 2125
R8040	9DK001-50163	J	68	1/16W Chip 1608
R8041	9DK001-50119	J	150	1/10W Chip 2125
R8042	9DK001-50119	J	150	1/10W Chip 2125
R8043	9DK001-51030	J	10k	1/16W Resistor Array
R8044	9DK001-51030	J	10k	1/16W Resistor Array
R8050	9DK001-51030	J	10k	1/16W Resistor Array
R8051	9DK001-51030	J	10k	1/16W Resistor Array
R8057	9DK001-51030	J	10k	1/16W Resistor Array
R8058	9DK001-51030	J	10k	1/16W Resistor Array
R8062	9DK001-51029	J	10	1/16W Resistor Array
R8065	9DK001-51030	J	10k	1/16W Resistor Array
R8071	9DK001-50159	J	22	1/16W Chip 1608
R8072	9DK001-50159	J	22	1/16W Chip 1608
R8075	9DK001-50159	J	22	1/16W Chip 1608
R8080	9DK001-50044	J	68	1/10W Chip 2125
R8083	9DK001-50159	J	22	1/16W Chip 1608
R8088	9DK001-50044	J	68	1/10W Chip 2125
R8091	9DK001-50159	J	22	1/16W Chip 1608
R8096	9DK001-50044	J	68	1/10W Chip 2125
R8121	9DK001-50292	J	8.2	1/4W Chip 3126
R8122	9DK001-50292	J	8.2	1/4W Chip 3126
R8123	9DK001-50256	J	1.6k	1/16W Chip 1608
R8124	9DK001-50237	J	1.0k	1/16W Chip 1608
R8128	9DK001-50150	J	10	1/16W Chip 1608
R8130	9DK001-50210	J	33k	1/16W Chip 1608
R8131	9DK001-50210	J	33k	1/16W Chip 1608
R8132	9DK001-50155	J	3k	1/16W Chip 1608
R8133	9DK001-50155	J	3k	1/16W Chip 1608
R8138	9DK001-50149	J	0	1/16W Chip 1608
R8140	9DK001-50149	J	0	1/16W Chip 1608
R8143	9DK001-50176	J	820	1/16W Chip 1608
R8144	9DK001-50176	J	820	1/16W Chip 1608
R8145	9DK001-50176	J	820	1/16W Chip 1608
R8146	9DK001-50165	J	100	1/16W Chip 1608
R8147	9DK001-50165	J	100	1/16W Chip 1608
R8148	9DK001-50165	J	100	1/16W Chip 1608
R8268	9DK001-50162	J	56	1/16W Chip 1608
R8272	9DK001-50177	J	1k	1/4W Chip 3126
R8276	9DK001-50155	J	3k	1/16W Chip 1608
R8281	9DK001-50222	J	1.3k	1/16W Chip 1608
R8289	9DK001-50207	J	6.8k	1/16W Chip 1608
R8296	9DK001-50162	J	56	1/16W Chip 1608
R8302	9DK001-50264	J	680	1/16W Chip 1608

CPCi-0054CE11
PC I/F UNIT (Continued)

Ref. No.	Part No.	★		Description	Code
R8304	9DK001-50162	J	56	1/16W Chip 1608	
R8305	9DK001-50185	J	10k	1/16W Chip 1608	
R8340	9DK001-50185	J	10k	1/16W Chip 1608	
R8343	9DK001-50159	J	22	1/16W Chip 1608	
R8362	9DK001-50162	J	56	1/16W Chip 1608	
R8365	9DK001-50185	J	10k	1/16W Chip 1608	
R8366	9DK001-50162	J	56	1/16W Chip 1608	
R8368	9DK001-50162	J	56	1/16W Chip 1608	
R8387	9DK001-50162	J	56	1/16W Chip 1608	
R8447	9DK001-50150	J	10	1/16W Chip 1608	
R8448	9DK001-50150	J	10	1/16W Chip 1608	
R8475	9DK001-50177	J	1k	1/16W Chip 1608	
R8476	9DK001-50177	J	1k	1/16W Chip 1608	
R8477	9DK001-50177	J	1k	1/16W Chip 1608	
R8478	9DK001-50177	J	1k	1/16W Chip 1608	
R8487	9DK001-50149	J	0	1/16W Chip 1608	
R8488	9DK001-50149	J	0	1/16W Chip 1608	
R8492	9DK001-50290	J	560	1/16W Chip 1608	
R8516	9DK001-50179	J	2.2k	1/16W Chip 1608	
R8568	9DK001-50162	J	56	1/16W Chip 1608	
R8592	9DK001-50185	J	10k	1/16W Chip 1608	
R8593	9DK001-50181	J	3.3k	1/16W Chip 1608	
R8598	9DK001-50162	J	56	1/16W Chip 1608	
R8599	9DK001-50162	J	56	1/16W Chip 1608	
R8601	9DK001-50162	J	56	1/16W Chip 1608	
R8602	9DK001-50162	J	56	1/16W Chip 1608	
R8636	9DK001-50150	J	10	1/16W Chip 1608	
R8637	9DK001-50150	J	10	1/16W Chip 1608	
R8638	9DK001-50150	J	10	1/16W Chip 1608	
R8639	9DK001-50150	J	10	1/16W Chip 1608	
R8640	9DK001-50150	J	10	1/16W Chip 1608	
R8641	9DK001-50150	J	10	1/16W Chip 1608	
R8642	9DK001-50150	J	10	1/16W Chip 1608	
R8643	9DK001-50150	J	10	1/16W Chip 1608	
R8648	9DK001-50165	J	100	1/16W Chip 1608	
R8649	9DK001-50165	J	100	1/16W Chip 1608	
R8650	9DK001-50185	J	10k	1/16W Chip 1608	
R8651	9DK001-51037	J	6.8k	1/16W Resistor Array	
R8652	9DK001-51030	J	10k	1/16W Resistor Array	
R8653	9DK001-50185	J	10k	1/16W Chip 1608	
R8654	9DK001-50204	J	150	1/16W Chip 1608	
R8655	9DK001-50185	J	10k	1/16W Chip 1608	
R8656	9DK001-50183	J	4.7k	1/16W Chip 1608	
R8684	9DK001-50176	J	820	1/16W Chip 1608	
R8685	9DK001-50150	J	10	1/16W Chip 1608	
R8688	9DK001-50201	J	15	1/16W Chip 1608	
R8689	9DK001-50173	J	470	1/16W Chip 1608	
R8690	9DK001-50205	J	1.8k	1/16W Chip 1608	
R8691	9DK001-50205	J	1.8k	1/16W Chip 1608	
R8693	9DK001-50159	J	22	1/16W Chip 1608	
R8694	9DK001-50159	J	22	1/16W Chip 1608	
R8695	9DK001-50159	J	22	1/16W Chip 1608	
R8696	9DK001-50185	J	10k	1/16W Chip 1608	
R8697	9DK001-50185	J	10k	1/16W Chip 1608	
R8698	9DK001-50185	J	10k	1/16W Chip 1608	
R8699	9DK001-50185	J	10k	1/16W Chip 1608	
R8700	9DK001-50218	J	20k	1/16W Chip 1608	
R8701	9DK001-50257	J	75	1/16W Chip 1608	
R8702	9DK001-51030	J	10k	1/16W Resistor Array	
R8704	9DK001-50185	J	10k	1/16W Chip 1608	
R8708	9DK001-51030	J	10k	1/16W Resistor Array	
R8741	9DK001-50159	J	22	1/16W Chip 1608	
R8745	9DK001-50149	J	0	1/16W Chip 1608	
R8747	9DK001-50149	J	0	1/16W Chip 1608	
R8749	9DK001-50149	J	0	1/16W Chip 1608	
R8750	9DK001-50177	J	1k	1/16W Chip 1608	
R8751	9DK001-50177	J	1k	1/16W Chip 1608	
R8752	9DK001-50170	J	270	1/16W Chip 1608	
R8753	9DK001-50170	J	270	1/16W Chip 1608	
R8754	9DK001-50111	J	75	1/4W Chip 3216	
R8755	9DK001-50111	J	75	1/4W Chip 3216	
R8756	9DK001-50111	J	75	1/4W Chip 3216	
R8757	9DK001-50149	J	0	1/16W Chip 1608	
R8758	9DK001-50149	J	0	1/16W Chip 1608	
R8759	9DK001-50177	J	1k	1/16W Chip 1608	
R8787	9DK001-50244	J	3.9k	1/16W Chip 1608	
R8788	9DK001-50177	J	1k	1/16W Chip 1608	
R8789	9DK001-50177	J	1k	1/16W Chip 1608	
R8790	9DK001-50179	J	2.2k	1/16W Chip 1608	
R8791	9DK001-50244	J	3.9k	1/16W Chip 1608	
R8792	9DK001-50179	J	2.2k	1/16W Chip 1608	
R8805	9DK001-50110	J	0	1/10W Chip 2125	
R8806	9DK001-50110	J	0	1/10W Chip 2125	
R8807	9DK001-50110	J	0	1/10W Chip 2125	
R8808	9DK001-50110	J	0	1/10W Chip 2125	
R8809	9DK001-50110	J	0	1/10W Chip 2125	
R8810	9DK001-50110	J	0	1/10W Chip 2125	
R8811	9DK001-50110	J	0	1/10W Chip 2125	
R8812	9DK001-50110	J	0	1/10W Chip 2125	
R8856	9DK001-50110	J	0	1/10W Chip 2125	
R8857	9DK001-50110	J	0	1/10W Chip 2125	
R8860	9DK001-50171	J	330	1/16W Chip 1608	
R8862	9DK001-50165	J	100	1/16W Chip 1608	
R8864	9DK001-50177	J	1k	1/16W Chip 1608	
R8866	9DK001-50177	J	1k	1/16W Chip 1608	
R8867	9DK001-50275	J	6.8	1/16W Chip 1608	
R8868	9DK001-50275	J	6.8	1/16W Chip 1608	
R8869	9DK001-50275	J	6.8	1/16W Chip 1608	
R8873	9DK001-50110	J	0	1/10W Chip 1608	
R8875	9DK001-50162	J	56	1/16W Chip 1608	
R8883	9DK001-50149	J	0	1/16W Chip 1608	
R8885	9DK001-50149	J	0	1/16W Chip 1608	
R8887	9DK001-50149	J	0	1/16W Chip 1608	
R8892	9DK001-50165	J	100	1/16W Chip 1608	
R8893	9DK001-50197	J	2.7k	1/16W Chip 1608	
R8894	9DK001-50210	J	33k	1/16W Chip 1608	
R8896	9DK001-50191	J	150	1/16W Chip 1608	
R8897	9DK001-50161	J	47	1/16W Chip 1608	
R8898	9DK001-50185	J	10k	1/16W Chip 1608	
R8899	9DK001-50208	J	12k	1/16W Chip 1608	
R8900	9DK001-50196	J	1.1k	1/16W Chip 1608	
R8905	9DK001-50204	J	150	1/16W Chip 1608	
R8906	9DK001-50204	J	150	1/16W Chip 1608	
R8907	9DK001-50204	J	150	1/16W Chip 1608	
R8911	9DK001-50177	J	1k	1/16W Chip 1608	
R8912	9DK001-50075	J	75	1/10W Chip 2125	
R8913	9DK001-50075	J	75	1/10W Chip 2125	
R8914	9DK001-50075	J	75	1/10W Chip 2125	
R8918	9DK001-51039	J	56	1/16W Resistor Array	
R8922	9DK001-51039	J	56	1/16W Resistor Array	
R8924	9DK001-51039	J	56	1/16W Resistor Array	
R8925	9DK001-51039	J	56	1/16W Resistor Array	
R8926	9DK001-51039	J	56	1/16W Resistor Array	
R8927	9DK001-51039	J	56	1/16W Resistor Array	
R8931	9DK001-51039	J	56	1/16W Resistor Array	
R8933	9DK001-50149	J	0	1/16W Chip 1608	
R8935	9DK001-50149	J	0	1/16W Chip 1608	

SWITCH

S8001	9DK001-70012	J	SSSS812-B-2B

MISCELLANEOUSPARTS

FB8013	9DK001-81056	J	Ferrite Bead
P8001	9DK001-60053	J	Connector DVIóp
P8404	9DK001-60038	J	Connector 60pin
P8405	9DK001-60038	J	Connector 60pin
P8502	9DK001-60038	J	Connector 60pin
P8503	9DK001-60055	J	Connector
	9DK001-90039	J	Shield Case
	9DK001-99051	J	Heat Sink
	9DK001-99052	J	Heat Sink
	9DK001-97041	J	Label
	9DK001-90040	J	Angle
	9DK001-99043	J	Screw
	9DK001-99045	J	Screw

CABINET AND MECHANICAL PARTS

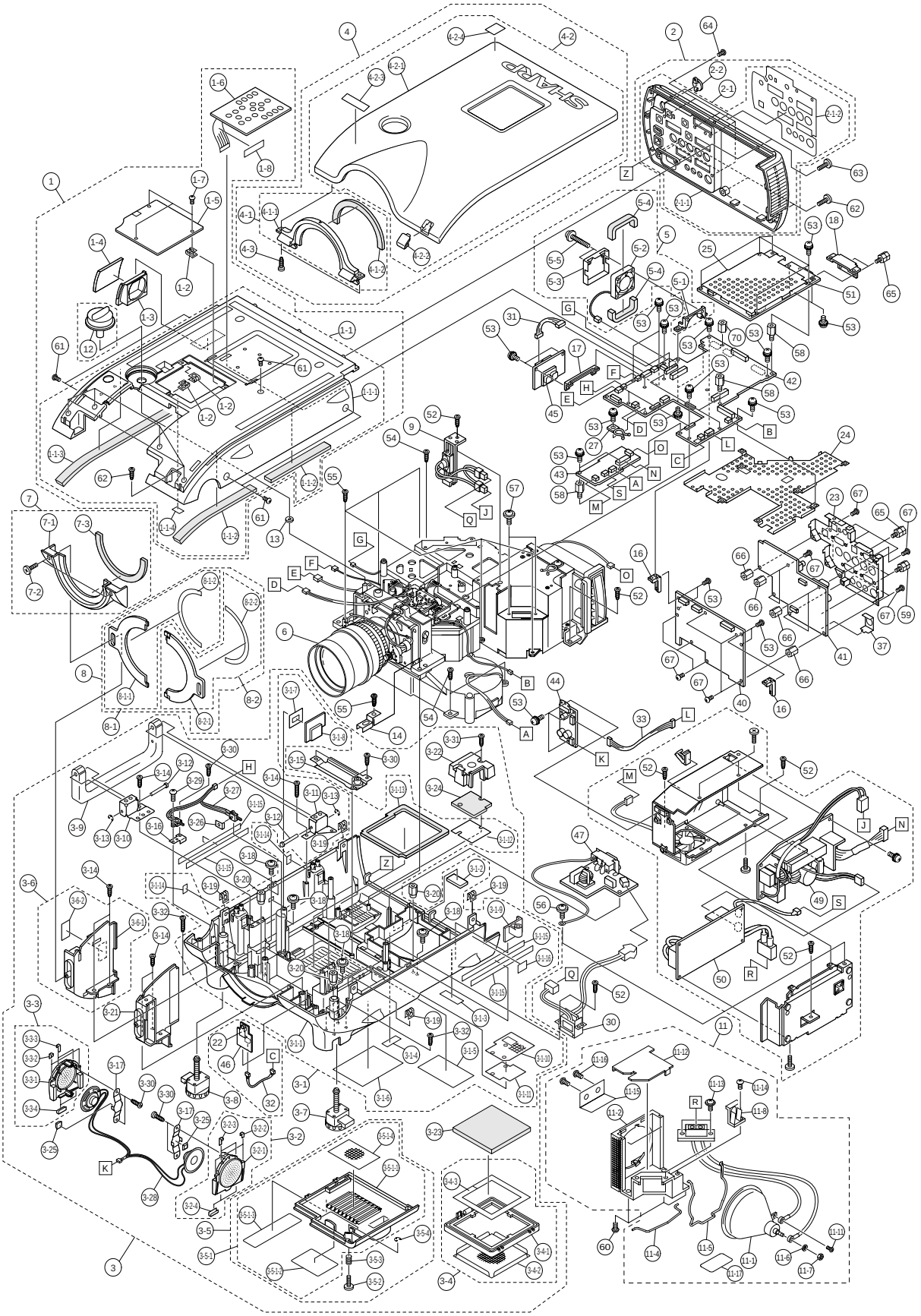
Ref. No.	Part No.	★	Description	Code
1	*Not Available*	–	Top Body Ass'y	—
1-1	DBDYT1205CE02	J	Top Body Ass'y	
1-1-1	*Not Available*	–	Top Body	—
1-1-2	PMLT-0388CEZZ	J	Spacer, x2	AC
1-1-3	PMLT-0392CEZZ	J	Spacer	AD
1-1-4	PSPAT0037CEZZ	J	Teflon Tape	AC
1-2	LX-NZ3172CEFJ	J	Speed Nut, x3	AD
1-3	PCOVP1094CEKZ	J	Filter Duct	AF
1-4	PFiLD0130CEZZ	J	Side Filter	AF
1-5	PSLDM4667CEFW	J	Shield Cover	AE
1-6	QSW-ZA006WJZZ	J	Operation Key Unit	
1-7	XBBSD30P06000	J	Screw, x3	AA
2	*Not Available*	–	Rear Body Ass'y	—
2-1	DBDYR1097CE04	J	Rear Body Ass'y	
2-1-1	*Not Available*	–	Rear Body	—
2-1-2	HiNDPA044WJSA	J	Terminal Label	AH
2-2	GCOVA1824CESA	J	R/C Cover	AD
3	*Not Available*	–	Bottom Body Ass'y	—
3-1	DBDYU1133CE06	J	Bottom Body Ass'y (XG-P20XU)	
3-1-1	*Not Available*	–	Bottom Body	—
3-1-2	GLEGG9094CE00	J	Leg	AF
3-1-3	HiNDP5399CESF	J	Interlock(FRA)	AC
3-1-4	HiNDP5746CESA	J	Interlock(ENG)	AE
3-1-5	HiNDP5748CESA	J	FCC Label	AE
3-1-6	HiNDPA045WJZZ	J	Model Label	
3-1-7	LANGF2134CEFW	J	K Lock	AE
3-1-8	LHLDZ2077CEKZ	J	K Lock Cover	AD
3-1-9	LHLDZ2174CEKZ	J	Boss	AE
3-1-10	PCOVZ3027CESA	J	Cover	AG
3-1-11	PFiLD0129CEZZ	J	Filter	AD
3-1-12	PFiLD0134CEZZ	J	Net Filter	AG
3-1-13	PSPAG0330CE00	J	Rubber Spacer	AF
3-1-14	PSPAT0038CEZZ	J	Spacer, x2	AC
3-1-15	PSPAT0075CEZZ	J	Spacer, x4	AD
3-1-16	HiNDPA111WJSA		Hot Caution Label	
3-2	CBFL-1088CE01	J	Spaeaker Ass'y (R)	AL
3-2-2	PSPAH0693CEZZ	J	Spacer, x2	AB
3-2-3	PSPAH0697CEZZ	J	Spacer, x2	AA
3-2-4	PSPAH0698CEZZ	J	Spacer, x2	AE
3-3	CBFL-1089CE01	J	Spaeaker Ass'y (L)	AL
3-3-2	PSPAH0693CEZZ	J	Spacer, x2	AB
3-3-3	PSPAH0697CEZZ	J	Spacer, x2	AA
3-3-4	PSPAH0698CEZZ	J	Spacer, x2	AE
3-4	CCOVA1664CE01	J	Filter Cover Ass'y	AS
3-4-1	*Not Available*	–	Filter Cover	—
3-4-2	HPNC-0410CESA	J	Punching Net	AK
3-4-3	PCOVM9029CEKZ	J	Cover	AD
3-5	*Not Available*	–	Lamp Door Ass'y	—
3-5-1	DCOVA1961CE03	J	Lamp Door Ass'y	
3-5-1-1	*Not Available*	–	Lamp Door	—
3-5-1-2	HiNDPA048WJZZ	J	User Caution(E)	
3-5-1-3	HiNDPA049WJZZ	J	User Caution(F)	
3-5-1-4	PCOVM1018CEKZ	J	Cover	AF
3-5-2	LX-BZ1009CEFF	J	Screw	AD
3-5-3	MSPRC0202CEFW	J	Spring	AB
3-5-4	XRESJ30-06000	J	E-Ring	AA
3-6	CCOVP1093CE01	J	Barrier (L) Ass'y	AM
3-6-1	*Not Available*	–	Barrier (L)	—
3-6-2	PSPAT0074CEZZ	J	Spacer	AC
3-7	GLEGP1033CEKA	J	Adjuster(R)	AW
3-8	GLEGP3033CEKA	J	Adjuster(L)	AW
3-9	JHNDA1037CESA	J	Handle	AR
3-10	LANGF9561CEFD	J	Handle Angle(F)	AK
3-11	LANGF9562CEFW	J	Handle Angle(R)	AG
3-12	NSFTH0016CE00	J	Handle Shaft, x2	AD
3-13	XRESJ30-06000	J	E-Ring, x2	AA
3-14	XEPSD40P12000	J	Screw, x6	AA
3-15	LANGK0769CEFD	J	Ceiling Mount	AN
3-16	LANGQ1345CEFW	J	Leaf Switch Angle	AD
3-17	LANGS0125CEFW	J	Speaker Angle, x2	AE
3-18	LX-HZ3106CEFD	J	Screw, x4	AB
3-19	LX-NZ3155CEFF	J	Speed Nut, x4	AF
3-20	LX-NZ3173CEFW	J	Nut, x3	AD
3-21	PCOVP1092CEKZ	J	Barrier(R)	AL
3-22	PDUC-0152CEKZ	J	Duct	AG
3-23	PFiLD0079CEZZ	J	Filter	AD
3-24	PFiLD0132CEZZ	J	Filter	AC
3-25	PSPAG0331CE00	J	Rubber Spacer, x2	AC
3-26	PZETK0072CEKZ	J	Leaf Switch Barrier	AB
3-27	QCNW-5925CEZZ	J	Leaf Switch	AK
3-28	QCNW-5934CEZZ	J	SP Wire Ass'y	AD
3-29	XBPSF26P06000	J	Screw	AA
3-30	XEBSD30P10000	J	Screw, x8	AA
3-31	XEBSD30P12000	J	Screw, x2	AA
3-32	XEBSD30P14000	J	Screw, x8	AA
4	*Not Available*	–	Top Cover Ass'y	—
4-1	CCOVA1960CE01	J	Upper Cover Ass'y	AS
4-1-1	*Not Available*	–	Upper Cover	—
4-1-2	PMLT-0382CEZZ	J	Spacer	AH
4-2	DCOVAA008WJ01	J	Top Cover Ass'y	
4-2-1	*Not Available*	–	Top Cover	—
4-2-2	GCOVA1962CESA	J	R/C Cover	AE
4-2-3	HiNDP5799CESA	J	Lens Caution	AD
4-2-4	HiNDP5459CESA	J	IQ Logo Label	AD
4-3	XEPSD40P12000	J	Screw, x2	AA
5	*Not Available*	–	IC Fan Unit	—
5-1	LANGT3299CEFW	J	IC Fan Angle	AF
5-2	NFANR0121CE00	J	IC Fan	AZ
5-3	PSLDM4677CEFW	J	IC Fan Shield	AF
5-4	PSPAZ0430CEZZ	J	Spacer, x2	
5-5	XBBSD30P14000	J	Screw, x2	AA
6	Refer to Optics Mechanism Parts			
7	CCOVA1959CE01	J	Under Cover Ass'y	AT
7-1	*Not Available*	–	Under Cover	—
7-2	LX-BZ3445CEFF	J	Screw, x2	AD
7-3	PMLT-0382CEZZ	J	Spacer	AH
8	*Not Available*	–	Lens Shutter Ass'y	—
8-1	DCOVAA132WJ01	J	Lens Shutter (L) Ass'y	
8-1-1	*Not Available*	–	Lens Shutter (L)	—
8-1-2	PSPAT0078CEZZ	J	Tape	AE
8-2	DCOVAA133WJ01	J	Lens Shutter (R) Ass'y	
8-2-1	*Not Available*	–	Lens Shutter (R)	—
8-2-2	PSPAT0078CEZZ	J	Tape	AE
9	CBiM-0104DE02	J	Bi-Metal Unit	
⚠ 11	BQC-XGP25X//1	J	Metal-Halide Lamp Unit	
⚠ 11-1	RLMPFA002WJZZ	J	Lamp/Mirror Ass'y	
11-2	PCASZA001WJKZ	J	Lamp Case	AS
11-4	LHLDZ3054CEFW	J	Handle	AE
11-5	MSPRKA001WJFW	J	Spring	
11-6	XWSBN50-13000	J	Washer	AB
11-7	XNEBN50-40000	J	Nut	AB
11-8	PCOVZ1092CEKZ	J	Cover	AF
11-11	XBPN30P80JS0	J	Screw	
11-12	PSLDPA005WJFW	J	Shielding Plate	
11-13	LX-HZ3106CEFD	J	Screw, x2	AB
11-14	XEBSD30P10000	J	Screw	AA
11-15	PSLDPA004WJFW	J	Plate	
11-16	LX-BZ3425CWFN	J	Screw, for Plate	
11-17	TLABZ0777CEZZ	J	BQC-Label	AE
12	JKNBZ1081CEKA	J	Shift Knob	AN
13	PSPAZ0439CEZZ	J	Spacer	AC
14	QEARP0124CEFW	J	Earth, Ballast	AE
16	LANGT3300CEFW	J	Angle, x2	AE
17	LANGT3301CEFW	J	Angle	AE
18	LANGT3302CEFN	J	DVI Angle	

Ref. No.	Part No.	★	Description	Code

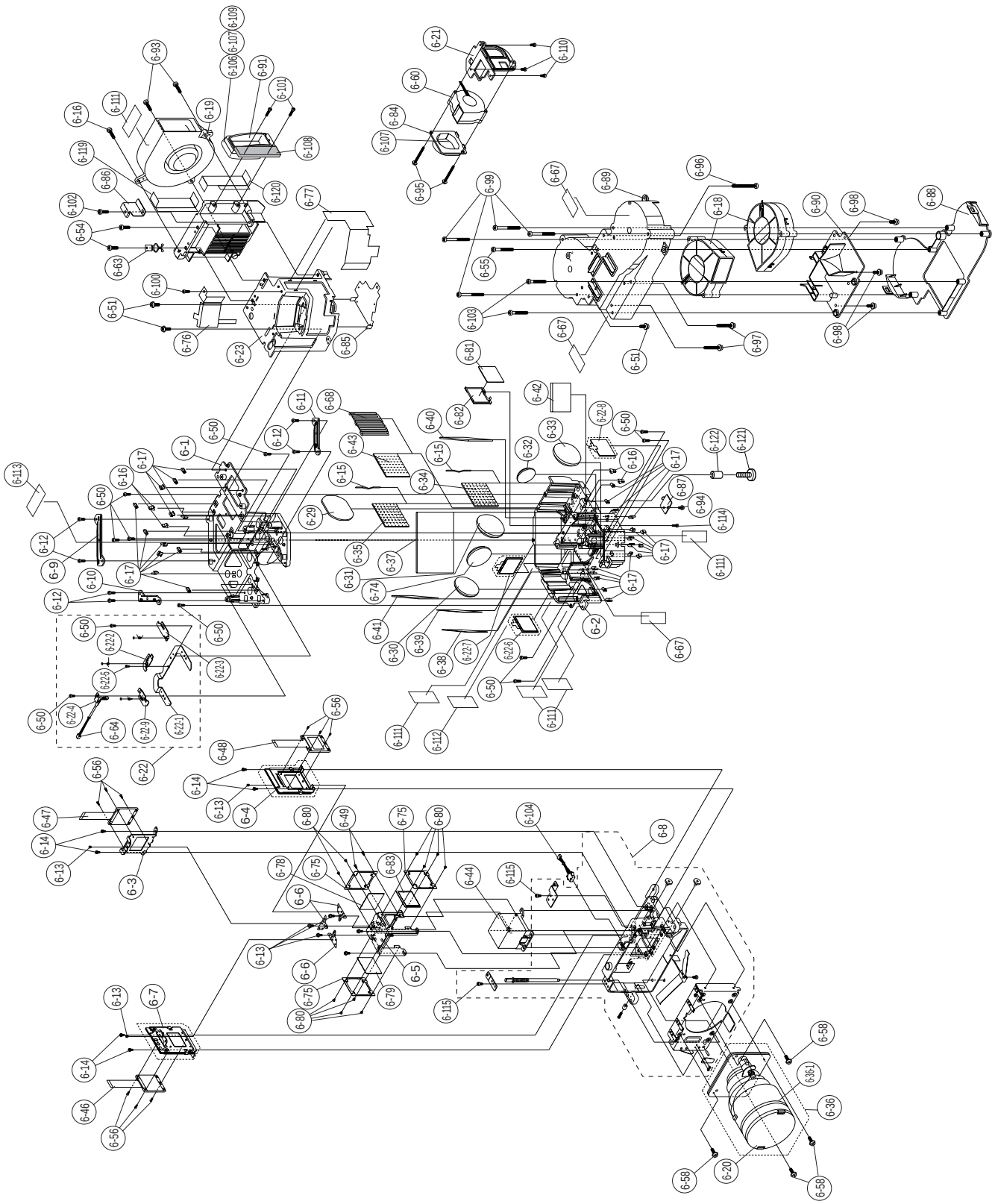
CABINET AND MECHANICAL PARTS (Continued)

Ref. No.	Part No.	★	Description	Code
19	LHLDW1080CEZZ	J	Wire Holder	AA
22	PSLDC3117CEFW	J	R/C Shield	AD
23	PSLDM4661CEFW	J	Terminal Shield	AL
24	PSLDM4663CEFW	J	Output Shield	AQ
25	PSLDM4664CEFW	J	PC I/F Shield	AK
27	LHLDW1046CEZZ	J	Wire Holder	AA
30	QCNW-5919CEZZ	J	Connecting Cord	AU
31	QCNW-5921CEZZ	J	Connecting Cord	AE
32	QCNW-5922CEZZ	J	Connecting Cord	AE
33	QCNW-5924CEZZ	J	Connecting Cord	AF
37	QEARP0093CEFN	J	Earth	AE
40	DUNTKA463DE11	–	Signal Unit	—
41	DUNTKA464DE11	–	Input Unit	—
42	DUNTKA465DE11	–	Output Unit	—
43	DUNTKA466DE11	–	Output Sub Unit	—
44	DUNTKA467DE11	–	Sound Out Unit	—
45	DUNTKA468DE11	–	DC/DC Converter Unit	—
46	DUNTKA469DE11	–	R/C Receiver Unit	—
47	RUNTKA024WJZZ	–	AC Inlet Unit	—
49	RDENCA013WJZZ	–	Power Unit	—
50	RDENCA014WJZZ	J	Ballast Unit	
51	CPCi-0054CE11	–	PC I/F Unit	
52	XEBSD30P10000	J	Screw, x7	AA
53	XBPSD30P06R00	J	Screw, x31	AB
54	XEPSD40P16000	J	Screw, x3	AA
55	XEBSD40P25000	J	Screw, x6	AA
56	XBPSD40P08JS0	J	Screw	AA
57	LX-HZ3106CEFD	J	Screw, x2	AB
58	NSFTZ0106CEFW	J	Shaft, x5	AC
59	NSFTZ0135CEFW	J	Shaft, x4	AD
60	XBTSC40P12000	J	Screw, x3	AB
61	LX-HZ3084CEFF	J	Screw, x5	AB
62	XEPSF40P12000	J	Screw, x7	AA
63	XEBSD30P14000	J	Screw, x3	AA
64	XBPSF30P10000	J	Screw, x6	AA
65	NSFTZ0134CEZZ	J	Shaft, x6	
66	NSFTZ0140CEFW	J	Shaft, x6	AC
67	XBPSD26P04000	J	Screw, x12	AA
70	NSFTZ0145CEFW	J	Shaft	AD

CABINET AND MECHANICAL PARTS



OPTICS MECHANISM PARTS



OPTICS MECHANISM PARTS

Ref. No.	Part No.	★	Description	Code
6	CCHSK0062CE15	J	Optics Mecha. Ass'y	
6-1	LCHSK0102CEKZ	J	Optics Mecha. Cover	BF
6-2	LCHSK0101CEKZ	J	Optics Mecha. Base	BE
6-3	LANGG1174CEFW	J	G Adjusting Plate	AP
6-4	CANGG1161CE03	J	B Adjusting Plate	AY
6-5	LANGG1195CEFW	J	Guide Plate-Top	AP
6-6	LANGG1126CEFW	J	Slide Plate, x3	AG
6-7	CANGG1161CE03	J	R Adjusting Plate	AY
6-8	CHLDZ8007CE00	J	Lens Shift Unit	BT
6-9	LHLDZ9134CEKZ	J	M1 Adjust Lever	AG
6-10	LHLDZ9135CEKZ	J	M5 Adjust Lever	AF
6-11	LHLDZ9136CEKZ	J	M6 Adjust Lever	AF
6-12	LX-BZ3405CEFD	J	Screw M3-8, x6	AB
6-13	LX-BZ3370CEFD	J	Screw M2.66-6wsw, x9	AB
6-14	LX-BZ3388CEFD	J	Screw M2.6-5, x6	AE
6-15	MSPRP1199CEFW	J	Flyeye Fitting Spring, x2	AD
6-16	MSPRP1197CEFW	J	PBS Fitting Spring, x4	AE
6-17	MSPRP1198CEFW	J	Mirror Fitting Spring, x28	AD
6-18	NFANS0026CE00	J	Cooling Fan (Intake), x2	BA
6-19	NFANS0025CE00	J	Cooling Fan (Exhaust), x1	BC
6-20	PCAPH1056CESA	J	Lens Cap	AW
6-21	PDUC-0137CEKZ	J	PBS Duct Cover	AH
6-22	CANGG0107CE05	J	Polarizer Fixing Plate Adjusting Mechanism Ass'y	
6-22-1	LANGU9034CEFW	J	Polarizer Fixing Plate	AH
6-22-2	LANGU9035CEFW	J	Polarizer Fixing Plate Adjusting Lever G, x1	AF
6-22-3	LANGU9084CEFW	J	Polarizer Fixing Plate Adjusting Lever B	AH
6-22-4	LANGU9082CEFW	J	Thermistor Angle	AE
6-22-5	XBBSD20P04000	J	Screw, x1	AA
6-22-6	CANGU9037CE11	J	Polarizer Input Filter-R	
6-22-7	CANGU9037CE12	J	Polarizer Input Filter-G	
6-22-8	CANGU9037CE13	J	Polarizer Input Filter-B	
6-22-9	LANGU9083CEFW	J	PF Lever R	AH
6-23	PDUC-0120CEKZ	J	Duct Holder	AV
6-24	PDUC-0136CEKZ	J	Side Duct	AU
6-28	PGiDH0032CEFW	J	Flap	AG
6-29	PLNS-0126CEZZ	J	L1	BM
6-30	PLNS-0127CEZZ	J	L2, R	AZ
6-31	PLNS-A001WJZZ	J	G01	
6-32	PLNS-A002WJZZ	J	G02	
6-33	PLNS-A003WJZZ	J	G03	
6-34	PLNS-A004WJZZ	J	Flyeye Lens (Incoming-Light)	
6-35	PLNS-0132CEZZ	J	Flyeye Lens (Outgoing-Light)	BP
6-36	CLNS-A005CE01	J	Projection Lens	
6-37	PMiR-0183CEZZ	J	Mirror-1	AP
6-38	PMiR-0268CEZZ	J	Mirror-2	BF
6-39	PMiR-0300CEZZ	J	Mirror-3	
6-40	PMiR-0186CEZZ	J	Mirror-4	AN
6-41	PMiR-0187CEZZ	J	Mirror-5	AN
6-42	PMiR-0186CEZZ	J	Mirror-6	AN
6-43	PMiR-0269CEZZ	J	PBS	CA
6-44	PMiR-A002WJZZ	J	Cross Prism (with Base)	
6-46	RLCDP0129CEZZ	J	LCD Module Unit, Red	DL
6-47	RLCDP0130CEZZ	J	LCD Module Unit, Green	DL
6-48	RLCDP0131CEZZ	J	LCD Module Unit, Blue	DL
6-49	XAPSF20P05000	J	Screw M2-5, x2	AA
6-50	XBBSD30P08000	J	Screw M3-8, x15	AA
6-51	XBPSD40P10JS0	J	Screw M4-10, x3	AA
6-54	XEBSD40P12000	J	Screw M4-12, x2	AA
6-55	XEPSD40P35000	J	Screw M4-35, x1	AA
6-56	XSSSF20P06000	J	Screw M2-6, x9	AA
6-57	LANGK0771CEFW	J	PWB Plate	AG
6-58	LX-BZ3404CEFD	J	Screw M4-10, x4	AB
6-60	NFANS0027CE00	J	Fan	AZ
6-63	LHLDW1046CEZZ	J	Wire Holder	AA
6-64	RH-HZ0048CEZZ	J	Thermistor (Q)	AN
6-67	PSPAT0003CEZZ	J	Teflon Tape, x3	AA
6-68	PSLDP3085CEFW	J	PBS Aperture	AG
6-74	PLNS-0127CEZZ	J	L2, G	AZ
6-75	LANGK0770CEFW	J	PF Plate for GB out PF, x3	AH
6-76	PCOVZA005WJFW	J	Net	
6-77	PCOVZA006WJFW	J	Net	
6-78	PFiLWA002WJZZ	J	G Out PF	BN
6-79	PFiLWA002WJZZ	J	B Out PF	BN
6-80	XiPSF20P02000	J	Screw, x14	AA
6-81	PFiLWA004WJZZ	J	UV Filter	
6-82	PSLDP9036CEFW	J	UV Aparture	AF
6-83	PFiLWA003WJZZ	J	B Out PF	
6-84	PDUC-0153CEKZ	J	PBS Duct	AG
6-85	PSLDH3088CEFW	J	Lamp Shield	AE
6-86	LANGF9566CEFW	J	Reinforce Angle	AE
6-87	LANGG0115CEFW	J	Angle	AD
6-88	PDUC-0138CEKZ	J	Intake Duct Cover	AN
6-89	PDUC-0139CEKZ	J	Intake Duct Base	AU
6-90	PDUC-A011WJKZ	J	Intake Duct Guide	
6-91	PDUC-0141CEKZ	J	Exhaust Duct	AH
6-92	LANGK0772CEFW	J	PWB Plate	AE
6-93	XEPSD40P16000	J	Screw, x3	AA
6-94	XBPSD30P06KS0	J	Screw	AA
6-95	XBPSD30P35WS0	J	Screw, x2	AB
6-96	XBPSD40P45JS0	J	Screw	AB
6-97	XBPSD40P30JS0	J	Screw, x2	AB
6-98	XEBSD30P12000	J	Screw, x5	AA
6-99	XEBSD40P45000	J	Screw, x4	AC
6-100	XEPSD30P08000	J	Screw	AA
6-101	XEPSD40P10000	J	Screw, x2	AA
6-102	XEPSD40P14000	J	Screw	AA
6-103	XEPSF40P30000	J	Screw, x2	AB
6-104	QCNW-5923CEZZ	J	Connecting Cord	AF
6-105	RH-HZ0080CEZZ	J	TEMP. Sensor	AL
6-106	PSPAZ0418CEZZ	J	Spacer	AC
6-107	PSPAZ0425CEZZ	J	Spacer	AC
6-108	PSPAZ0429CEZZ	J	Spacer	AC
6-109	*Not Available*	-	Spacer	—
6-110	XBPSD30P06000	J	Screw, x3	AA
6-111	PSPAT0076CEZZ	J	Teflon Tape, x5	AC
6-112	PSPAT0077CEZZ	J	Teflon Tape	AD
6-113	*Not Available*	-	Tape	—
6-114	XBBSD26P08000	J	Screw	AA
6-115	XBPSD30P05J00	J	Screw, x4	AA
6-116	XBPSD26P06000	J	Screw, x2	AA
6-118	LANGK0778CEFW	J	Screen	AK
6-119	PSLDHA009WJFW	J	Duct Plate-A	
6-120	PSLDHA010WJFW	J	Duct Plate-B	
6-121	LZ-BZA002WJZZ	J	Misinsert-Screw	
6-122	LZ-BZA001WJZZ	J	Misinsert-Screw	

Ref. No.	Part No.	★	Description	Code

SUPPLIED ACCESSORIES

ACCESSORIES

PCAPH1056CESA	J	Lens Cap	AW
PFiLD0080CEZZ	J	Extra Air Filter	AE
QACCBA012WJPZ	J	Power Cord for U.K., Hong Kong and Singapore	
QACCDA010WJPZ	J	Power Cord for U.S., Canada etc	AR
QACCL3022CEZZ	J	Power Cord for Australia, New Zealand and Oceania	AZ
QACCV4002CEZZ	J	Power Cord for Europe, except U.K.	AZ
QCNWGA012WJPZ	J	RGB Cable	AS
QCNWGA013WJPZ	J	Computer Audio Cable	AK
QPLGJ0107GEZZ	J	BNC-RCA Adaptor, x3	AR
RRMCGA048WJSA	J	Remote Control	AZ
TCADEA004WJZZ	J	Questionnaire Card	
TCAUK3040CEZZ	J	Storage Caution	AE
TCAUZA005WJZZ	J	Stipulation Card	
TGAN-A016WJZZ	J	Guarantee Card for U.S.	
TGAN-A018WJZZ	J	Guarantee Card for U.S.	
TGAN-A019WJZZ	J	Guarantee Card for Canada	
TGAN-A020WJZZ	J	Guarantee Card for Canada	
TiNS-A133WJZZ	J	Operation Manual	
TiNS-A136WJZZ	J	Quick Reference	
TiNS-A137WJZZ	J	Quick Reference(XG-P25XE)	
TiNS-A138WJZZ	J	Quick Reference (XG-P25XE/XK)	
TiNS-A139WJZZ	J	Quick Reference Guide	
TLABZ0781CEZZ	J	ID Number Seal	AD
UDSKAA004WJZZ	J	CD-ROM	
UDSKAA005WJZZ	J	CD-ROM	

Ref. No.	Part No.	★	Description	Code

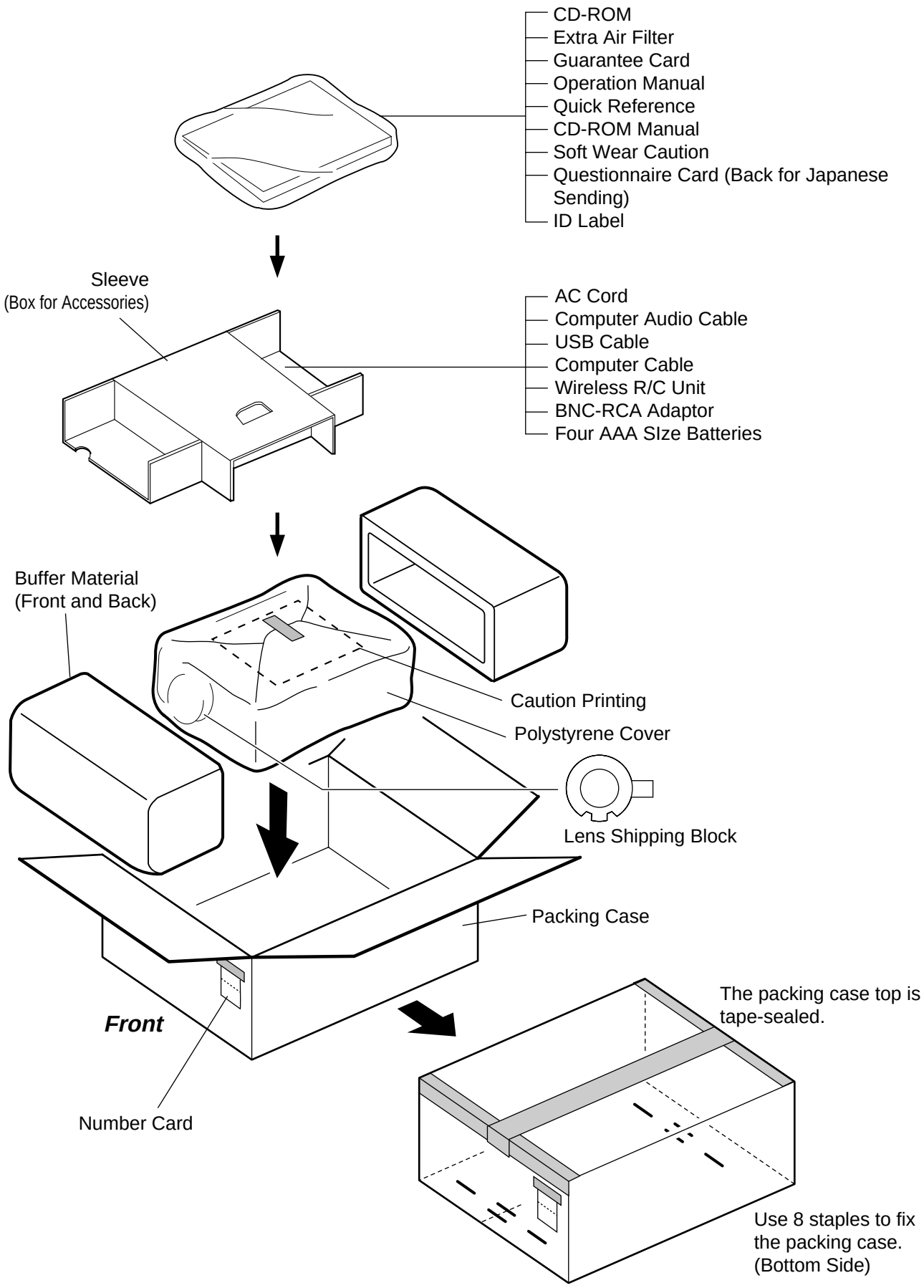
PACKING PARTS
(NOT REPLACEMENT ITEM)

SPAKCA078WJZZ	–	Packing Case	—
SPAKP0809CEZZ	–	Polystyrene Cover	—
SPAKX2951CEZZ	–	Buffer Material	—
SPAKF0505CEZZ	–	Sleeve(Box for Accessories)	—
TLABK0001TAZZ	–	Number Card	—
SPAKX2965CEZZ	–	Lens Shipping Block	—
TCAUK3040CEZZ	–	Caution Printing	—

SERVICE JIGS
(Use for servicing)

9DASPN-XGNV1U	J	Spanna, 3.2mm (Off-set Cam Adjustment)	BL
9EQDRiVER-NV1A	J	Off-set Driver (Focus Adjustment)	CA
9EQLNC-XGNV1U	J	Hexagon Wrench, 2mm (Convergence Adjustment)	BA
QCNW-5913CEZZ	J	Extension Cable 20-pin Signal ( )-Output ( ), Signal ( )-Output ( )	BY
QCNW-4767CEZZ	J	Extension Cable 30-pin Input (ST)-Signal Input (ST)-Signal	BT
QCNW-5057CEZZ	J	Extension Cable 60-pin Output (TC2)-PC I/F (TC2), Output (TC3)-PC I/F (TC3)	CD
QCNW-4852CEZZ	J	Extension Cable 32-pin LCD Panel-Output	BH
QCNW-6009CEZZ	J	Extension Cable 30-pin Signal -Output	BU

PACKING OF THE SET / VERPACKEN DES GERÄTS



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